

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
AT	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
AT	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
AT	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
AT	2000-Dec-01	01123199.0	2002-Jan-30	EP 1176362	2004-Dec-01	1176362	2020-Dec-01	Yes
AT	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	E224032	2020-Dec-01	Yes
AT	2001-Jan-08	01907413.7			2006-Jun-14	E330448	2021-Jan-08	
AT	2001-Apr-24	03028671.0			2010-Apr-14	E 464771	2021-Apr-24	
AT	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	E548887	2021-Apr-24	
AT	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	E253314	2021-Aug-31	Yes
AT	2001-Oct-25	01997118.3			2009-Jun-17	E434152	2021-Oct-25	
AT	2001-Dec-20	01994819.9		EP 1399692	2008-Nov-05	1399692	2021-Dec-21	Yes
AT	2002-Jun-21	02738518.6			2008-Dec-10	E 417490	2022-Jun-21	
AT	2002-Jul-18	02751538.6			2006-May-17	E 326826	2022-Jul-18	
AT	2002-Jul-18	02751537.8			2006-May-24	E327654	2022-Jul-18	
AT	2003-Aug-28	03791823.2			2010-Jan-13	E455451	2023-Aug-28	
AT	2003-Dec-11	03813686.7	2005-Sep-28	EP 1579735	2016-Mar-09	1579735	2023-Dec-11	
AT	2005-Jul-14	05763182.2	2007-Apr-11	EP 1772044	2012-Sep-12	E575523	2025-Jul-14	
AT	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
AT	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
AT	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
AT	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
AT	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
AT	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
AT	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
AT	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	E 514958	2026-Dec-13	
AT	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
AT	2007-May-31	15177099.7	2016-Apr-27	EP 3013124	2017-Jul-12	3013124		Yes
AT	2007-Nov-06	07826984.2			2010-Jul-28	E476087	2027-Nov-06	
AT	2007-Nov-27	07862228.9			2011-Mar-02	E 500469	2027-Nov-27	
AT	2008-Apr-04	08737714.9			2010-Oct-06	E 483939	2028-Apr-04	
AT	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
AT	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
AT	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
AT	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541		Yes
AU	1998-Aug-26	2006202217			2009-Jan-22	2006202217	2018-Aug-26	
AU	1998-Aug-26	2003203584			2006-Jul-13	2003203584	2018-Aug-26	
AU	1998-Aug-26	92060/98			2003-May-22	757000	2018-Aug-26	
AU	1998-Dec-17	2004200183			2007-Oct-04	2004200183	2018-Dec-17	
AU	1998-Dec-17	2007216901			2008-Oct-30	2007216901	2018-Dec-17	
AU	2004-Dec-13	2004300444			2009-Sep-24	2004300444	2024-Dec-13	
AU	2005-Mar-14	2005222987			2009-Nov-05	2005222987	2025-Mar-14	
AU	2006-May-23	2006249979			2011-Dec-08	2006249979	2026-May-23	
BE	1998-Jan-22	98900141.7	1999-Jan-13	EP 0890059	2004-Jun-23	0890059	2018-Jan-22	
BE	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
BE	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
BE	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
BE	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	1106914	2020-Dec-01	Yes
BE	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
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BE	2001-Aug-14	01203099.5		EP 1182396	2009-Oct-14	1182396	2021-Aug-14	
BE	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
BE	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	
BE	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
BE	2004-Apr-21	04760087.9	2006-Feb-01	EP 1620843	2015-Sep-02	1620843	2024-Apr-21	
BE	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
BE	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
BE	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
BE	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
BE	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667		
BE	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
BE	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
BE	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
BE	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
BE	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
BE	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	
BE	2007-May-31	15177099.7	2016-Apr-27	EP 3013124	2017-Jul-12	3013124		Yes
BE	2007-Nov-27	07862228.9		EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
BE	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	2143303	2028-Mar-31	

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BE	2008-Apr-04	08737714.9		EP 2135005	2010-Oct-06	2135005	2028-Apr-04	
BE	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
BE	2013-Jan-02	13703878.2	2014-Aug-06	EP 2761978	2016-Apr-06	2761978	2033-Jan-02	Yes
BE	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
BG	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
BR	2006-May-24	PI 0610118-6					2026-May-24	
BR	2007-Aug-17	PI0715880-7					2027-Aug-17	
BR	2007-Aug-22	PI 0715802-5					2027-Aug-22	
BR	2007-Sep-20	PI 0717018-1					2027-Sep-20	
BR	2007-Oct-11	PI0717788-7					2027-Oct-11	
BR	2007-Oct-12	PI 0717787-9					2027-Oct-12	Yes
BR	2007-Oct-31	PI 0718151-5	2013-Nov-05	0718151-5-A			2027-Oct-31	
BR	2007-Nov-06	PI 0718524-3					2027-Nov-06	
BR	2007-Nov-08	PI 0718843-9					2027-Nov-08	Yes
BR	2007-Nov-27	PI 0719124-3					2027-Nov-27	
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BR	2008-May-01	PI 0810964-8					2028-May-01	
BR	2008-Dec-02	PI 0820957-0					2028-Dec-02	
BR	2009-Oct-02	PI 0914050-6					2029-Oct-02	Yes
BR	2009-Nov-12	PI0916006-0					2029-Nov-12	Yes
BR	2010-Mar-15	PI 1006206-8	2017-Jul-25	BR PI1006206-8			2030-Mar-15	Yes
BR	2010-Apr-01	PI 1007735-9	2016-Dec-27	PI 1007735-9-A2			2030-Apr-01	Yes
BR	2010-May-26	PI1008220-4					2030-May-26	Yes
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BR	2010-Jun-09	PI 1009712-0					2030-Jun-09	Yes
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BR	2010-Sep-01	BR 11 2012 004549-0	2017-May-23	2420			2030-Sep-01	Yes
BR	2010-Sep-07	BR 11 2012 005830-4	2017-May-30	BR 112012005830-4			2030-Sep-07	Yes
BR	2010-Sep-09	PI 1005987-3					2030-Sep-09	Yes
BR	2011-Feb-28	BR112012021872-7					2031-Feb-28	Yes
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BR	2011-Nov-15	BR 11 2013 012675 2					2031-Nov-15	Yes
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BR	2012-Mar-16	BR 11 2013 024729 0	2016-Dec-20	BR 11 2013 024729-0			2032-Mar-16	Yes
BR	2012-Mar-22	BR 11 2013 024596 4	2017-Jan-03	BR 11 2013 024596 4			2032-Mar-22	Yes
BR	2012-Mar-27	BR 11 2013 024724 0	2016-Dec-20	BR 11 2013 024724-0			2032-Mar-27	Yes
BR	2012-May-14	BR 11 2013 029231 8	2017-Apr-18	BR 112013029231-8			2032-May-14	Yes
BR	2012-Oct-19	BR 11 2014 009343 1	2017-Dec-05	BR 112014009343-1			2032-Oct-19	Yes
BR	2013-Jan-02	BR 11 2014 016430 4	2017-Jun-13	BR 11 2014 016430 4			2033-Jan-02	Yes
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BR	2013-Jan-25	BR 11 2014 018602 2	2017-Jun-20	BR 112014018602-2			2033-Jan-25	Yes
BR	2013-Feb-22	BR 11 2014 020965 0	2017-Jul-04	BR 11 2014 020965 0			2033-Feb-22	Yes
BR	2013-Mar-08	11 2014 023013 7	2017-Jun-20	BR 11 2014 023013 7			2033-Mar-08	Yes
BR	2013-Mar-20	BR 11 2014 023665 8	2017-Jun-20	BR 2424			2033-Mar-20	Yes
BR	2014-Apr-02	BR 11 2015 025076 9	2017-Jul-18	2428			2034-Apr-02	Yes
BR	2014-Jun-04	BR 11 2015 030165 7	2017-Jul-25	BR 112015030165-7			2034-Jun-04	Yes
BR	2014-Jul-09	BR 11 2016 001847 8	2017-Aug-01	BR 112016001847-8			2034-Jul-09	Yes
BR	2014-Nov-12	BR 11 2016 011158 3	2017-Aug-08	BR 112016011158-3			2034-Nov-12	Yes
CA	1998-Jan-22	2249423			2009-Sep-15	2249423	2018-Jan-22	
CA	1998-Jul-27	2267406			2006-Mar-07	2267406	2018-Jul-27	
CA	1998-Aug-26	2302227			2004-Jul-27	2302227	2018-Aug-26	
CA	1998-Aug-26	2466717			2010-Jan-26	2466717	2018-Aug-26	
CA	1998-Dec-17	2314163			2008-Sep-23	2314163	2018-Dec-17	
CA	2003-Dec-08	2452348	2004-Sep-05	CA 2452348	2011-May-03	2452348	2023-Dec-08	
CA	2004-Jul-20	2533195	2005-Jan-27	CA 2533195	2011-May-10	2533195	2024-Jul-20	
CA	2004-Dec-13	2552683			2011-May-03	2552683	2024-Dec-13	
CA	2005-Jan-28	2554863	2005-Aug-11	CA 2554863	2012-Jul-10	2554863	2025-Jan-28	
CA	2005-Feb-28	2557447	2005-Sep-09	CA 2557447	2012-Dec-18	2557447	2025-Feb-28	Yes
CA	2005-Mar-14	2559718			2012-May-22	2559718	2025-Mar-14	

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
CA	2005-Mar-14	2730210			2015-May-05	2730210	2025-Mar-14	
CA	2005-Jun-23	2572335	2006-Jan-12	CA 2572335	2014-Feb-04	2572335	2025-Jun-23	
CA	2005-Jul-29	2576099	2006-Feb-09	CA 2576099	2015-Feb-10	2576099	2025-Jul-29	
CA	2005-Aug-02	2576304	2006-Feb-16	CA 2576304	2013-Dec-10	2576304	2025-Aug-02	
CA	2005-Sep-29	2521973	2006-Mar-29	CA 2521973	2013-Dec-10	2521973	2025-Sep-29	
CA	2005-Oct-12	2583357	2006-Apr-20	CA 2583357	2014-Dec-09	2583357	2025-Oct-12	
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CA	2006-Apr-06	2614575	2006-Oct-12	CA 2614575	2015-Mar-31	2614575	2026-Apr-06	
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CA	2006-May-23	2609531			2014-Sep-02	2609531	2026-May-23	
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CA	2009-May-20	2726151			2016-Nov-22	2,726,151	2029-May-20	Yes
CA	2009-Jun-12	2727258			2017-Jan-10	2727258	2029-Jun-12	Yes
CA	2010-Jan-26	2691018			2017-Jun-06	2691018	2030-Jan-26	Yes
CA	2010-Jan-26	2691012			2017-Jun-06	2691012	2030-Jan-26	
CA	2010-Jan-26	2691145			2016-Nov-08	2691145	2030-Jan-26	
CA	2010-Mar-15	2756241					2030-Mar-15	Yes
CA	2010-Apr-01	2962217						Yes
CA	2010-Apr-01	2759460			2017-Aug-29	2759460	2030-Apr-01	Yes
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CA	2010-May-26	2763248					2030-May-26	Yes
CA	2010-Jun-09	2765596	2017-Mar-28	CA 2765596	2017-Mar-28	2765596	2030-Jun-09	Yes
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CA	2010-Nov-22	2784096					2030-Nov-22	Yes
CA	2013-Jan-02	2857434					2033-Jan-02	Yes
CH	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
CH	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
CH	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
CH	2000-Dec-01	01123199.0	2002-Jan-30	EP 1176362	2004-Dec-01	1176362	2020-Dec-01	Yes
CH	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
CH	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
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CH	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
CH	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
CH	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667		
CH	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
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CH	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
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CH	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
CH	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
CN	1997-Aug-08	97191154.1	1998-Nov-18	CN 1199524	2003-Aug-27	97191154.1	2017-Aug-08	
CN	1997-Sep-08	97191438.9	1999-Jan-13	CN 1205069	2003-Apr-16	97191438.9	2017-Sep-08	
CN	1998-Jan-22	98800051.2	1999-May-05	CN 1216094	2003-Apr-30	98800051.2	2018-Jan-22	
CN	1998-Mar-23	98800760.6	1999-Sep-08	CN 1228244	2004-Aug-04	98800760.6	2018-Mar-23	Yes
CN	1998-Jul-16	98801403.3	2000-Jan-12	CN 1241349	2005-Mar-09	98801403.3	2018-Jul-16	
CN	1998-Jul-16	98801402.5	2000-Jan-12	CN 1241348	2004-Feb-18	98801402.5	2018-Jul-16	
CN	1998-Jul-27	98801404.1	2000-Jan-12	CN 1241350	2004-Mar-24	98801404.1	2018-Jul-27	
CN	1999-Jun-17	99801067.7	2000-Nov-15	CN 1273759	2006-Nov-29	99801067.7	2019-Jun-17	

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CN	1999-Sep-08	99802434.1	2001-Mar-28	CN 1289397	2003-Oct-15	99802434.1	2019-Sep-08	
CN	1999-Sep-13	99801548.2	2000-Dec-20	CN 1277665	2003-Oct-29	99801548.2	2019-Sep-13	
CN	1999-Sep-17	99802435.X	2001-Mar-28	CN 1289454	2005-Nov-16	99802435.X	2019-Sep-17	
CN	2000-Mar-10	00801002.1	2001-Aug-29	CN 1310790	2005-Mar-09	00801002.1	2020-Mar-10	Yes
CN	2000-Apr-06	00800634.2	2001-Jul-04	CN 1302457	2004-Oct-13	00800634.2	2020-Apr-06	Yes
CN	2000-Jun-22	00801180.X	2001-Sep-26	CN 1314981	2003-Dec-10	00801180.X	2020-Jun-22	Yes
CN	2000-Jul-03	00801240.7	2001-Oct-03	CN 1316174	2007-May-30	00801240.7	2020-Jul-03	
CN	2000-Jul-28	00802179.1	2001-Dec-19	CN 1327707	2006-Jan-18	00802179.1	2020-Jul-28	
CN	2000-Sep-15	00802081.7	2001-Nov-14	CN 1322456	2006-Feb-08	00802081.7	2020-Sep-15	
CN	2000-Oct-10	00802488.X	2002-Feb-13	CN 1336092	2004-Dec-01	00802488.X	2020-Oct-10	
CN	2000-Oct-12	00804516.X	2002-Mar-27	CN 1342388	2006-Mar-29	00804516.X	2020-Oct-12	
CN	2000-Oct-12	00804517.8	2002-Mar-27	CN 1342387	2005-Feb-09	00804517.8	2020-Oct-12	
CN	2000-Nov-17	00803336.6	2002-Jun-26	CN 1355936	2005-Nov-16	00803336.6	2020-Nov-17	
CN	2000-Dec-14	00807271.X	2002-May-22	CN 1350683	2006-Apr-19	00807271.X	2020-Dec-14	Yes
CN	2000-Dec-18	00804656.5	2002-Apr-03	CN 1343289	2006-Nov-22	00804656.5	2020-Dec-18	
CN	2001-Jan-08	01800162.9	2002-Aug-07	CN 1363198	2005-May-11	01800162.9	2021-Jan-08	
CN	2001-Aug-19	01135741.X	2002-Mar-13	CN 1339664	2005-Jul-20	01135741.X	2021-Aug-19	
CN	2001-Sep-05	01802758.X	2003-Jan-22	CN 1393118	2006-Aug-09	01802758.X	2021-Sep-05	
CN	2001-Nov-09	01806195.8	2003-Aug-13	CN 1436438	2007-May-30	01806195.8	2021-Nov-09	
CN	2001-Nov-26	01805486.2			2007-Aug-01	1330006	2021-Nov-26	Yes
CN	2001-Dec-03	01807029.9	2003-May-21	CN 1419797	2007-May-30	01807029.9	2021-Dec-03	
CN	2001-Dec-06	01805345.9	2003-Mar-19	CN 1404564	2005-Jun-29	01805345.9	2021-Dec-06	Yes
CN	2001-Dec-12	01805639.3	2003-Mar-26	CN 1406450	2008-Jun-04	01805639.3	2021-Dec-12	
CN	2002-Jan-19	02106469.5	2002-Sep-25	CN 1370950	2006-Apr-12	02106469.5	2022-Jan-19	Yes
CN	2002-Mar-14	02800705.0	2003-Nov-26	CN 1459216	2008-Feb-06	02800705.0	2022-Mar-14	
CN	2002-Mar-19	02800893.6	2003-Dec-03	CN 1460393	2009-May-20	02800893.6	2022-Mar-19	
CN	2002-May-24	02801831.1	2003-Dec-24	CN 1463566	2008-Apr-09	02801831.1	2022-May-24	
CN	2002-Jun-07	02811453.1	2004-Jul-21	CN 1514919	2006-Feb-08	02811453.1	2022-Jun-07	
CN	2002-Jun-21	02813396.X	2004-Aug-18	CN 1522555	2008-Jun-04	02813396.X	2022-Jun-21	
CN	2002-Jul-23	02802991.7	2005-Jul-06	CN 1636280	2008-Apr-23	02802991.7	2022-Jul-23	
CN	2002-Aug-09	02815923.3	2004-Oct-27	CN 1541503	2008-Nov-05	02815923.3	2022-Aug-09	
CN	2002-Sep-30	02819551.5	2005-Jan-12	CN 1565147	2008-Jul-16	02819551.5	2022-Sep-30	
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CN	2002-Nov-29	02825370.1	2005-Jun-29	CN 1633828	2009-Aug-19	02825370.1	2022-Nov-29	
CN	2002-Dec-18	02825834.7	2005-Apr-13	CN 1606766	2008-Nov-19	02825834.7	2022-Dec-18	
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CN	2003-Feb-06	03803878.1	2005-Jun-29	CN 1633827	2009-Apr-08	03803878.1	2023-Feb-06	
CN	2003-Jun-12	200910165991.8	2010-Jul-14	CN 101776220	2012-Apr-11	ZL200910165991.8	2023-Jun-12	
CN	2003-Jun-12	03814939.7	2005-Aug-31	CN 1663323	2010-Jun-23	03814939.7	2023-Jun-12	
CN	2003-Nov-11	200380104180.8	2006-Jan-04	CN 1717958	2008-Dec-03	200380104180.8	2023-Nov-11	
CN	2003-Dec-11	200380106654.2	2006-Feb-01	CN 1729722	2010-Jun-09	200380106654.2	2023-Dec-11	
CN	2003-Dec-11	200380106660.8	2006-Mar-08	CN 1745603	2009-Nov-04	200380106660.8	2023-Dec-11	
CN	2003-Dec-12	200380106591.0	2006-Feb-01	CN 1729721	2009-Apr-22	200380106591.0	2023-Dec-12	
CN	2003-Dec-18	200380107539.7	2006-Feb-08	CN 1732717	2009-May-27	200380107539.7	2023-Dec-18	
CN	2004-Apr-21	201210470710.1	2013-Apr-03	CN 103017017			2024-Apr-21	
CN	2004-Apr-22	200480012309.7	2006-Jun-07	CN 1784932	2011-Sep-28	200480012309.7	2024-Apr-22	
CN	2004-Apr-22	200480012275.1	2006-Jun-07	CN 1784931	2014-Jun-18	200480012275.1	2024-Apr-22	
CN	2004-Apr-30	200480012040.2	2006-Jun-07	CN 1784930	2009-Aug-19	200480012040.2	2024-Apr-30	
CN	2004-Jul-21	200480027554.5	2006-Nov-01	CN 1857034	2009-Sep-23	200480027554.5	2024-Jul-21	
CN	2004-Sep-01	200480025386.6	2006-Oct-11	CN 1846459	2009-Sep-09	200480025386.6	2024-Sep-01	
CN	2004-Sep-07	200480025822.X	2006-Oct-18	CN 1849707	2008-Sep-03	200480025822.X	2024-Sep-07	
CN	2004-Sep-21	200480027802.6	2006-Nov-01	CN 1856815	2009-Apr-29	200480027802.6	2024-Sep-21	
CN	2004-Nov-05	200480033302.3	2006-Dec-13	CN 1879453	2010-Jun-23	200480033302.3	2024-Nov-05	
CN	2005-Mar-23	200580011303.2	2007-Apr-04	CN 1942701	2010-May-05	200580011303.2	2025-Mar-23	
CN	2005-Apr-27	200580014515.6	2007-Apr-18	CN 1951157	2011-Feb-02	200580014515.6	2025-Apr-27	
CN	2005-May-02	200580014299.5	2007-Apr-18	CN 1950791	2009-Sep-09	200580014299.5	2025-May-02	
CN	2005-Jun-03	200580018028.7	2007-May-09	CN 1961614	2009-Oct-14	200580018028.7	2025-Jun-03	
CN	2005-Jun-23	200580028760.2	2007-Aug-01	CN 101010649	2013-Oct-30	200580028760.2	2025-Jun-23	
CN	2005-Jul-14	200580024425.5	2007-Jun-27	CN 1989792	2013-Sep-11	200580024425.5	2025-Jul-14	
CN	2005-Jul-18	200580024964.9	2007-Jun-27	CN 1989786	2009-Apr-22	200580024964.9	2025-Jul-18	
CN	2005-Aug-02	200580026656.X	2007-Jul-04	CN 1993826	2010-Jun-23	200580026656.X	2025-Aug-02	
CN	2005-Aug-02	200580026646.6	2007-Jul-04	CN 1993581	2009-Jul-08	200580026646.6	2025-Aug-02	Yes
CN	2005-Aug-02	200580026660.6	2007-Jul-04	CN 1993840	2009-Aug-19	200580026660.6	2025-Aug-02	Yes
CN	2005-Aug-18	200580032526.7	2007-Aug-29	CN 101027794	2009-Dec-02	200580032526.7	2025-Aug-18	
CN	2005-Sep-12	200580031647.X	2007-Aug-22	CN 101023296	2010-Jan-27	200580031647.X	2025-Sep-12	Yes
CN	2005-Sep-19	200580033142.7	2008-Jan-16	CN 101107474	2009-Jul-29	200580033142.7	2025-Sep-19	
CN	2005-Sep-20	200580033788.5	2007-Sep-12	CN 101036106	2010-Jun-02	200580033788.5	2025-Sep-20	
CN	2005-Oct-12	200580040566.6	2008-Feb-20	CN 101128979	2011-Oct-19	200580040566.6	2025-Oct-12	

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CN	2011-Apr-01	201180018239.6	2012-Dec-05	CN 102812290	2016-Aug-03	201180018239.6	2031-Apr-01	
CN	2011-Apr-27	201180023482.7	2013-Jan-30	CN 102906495	2016-Aug-24	201180023482.7	2031-Apr-27	Yes
CN	2011-Jun-16	201180030113.0	2013-Feb-27	CN 102948258	2016-Aug-03	201180030113.0	2031-Jun-16	Yes
CN	2011-Jun-24	201180035521.5	2013-Mar-27	CN 103004036	2015-Dec-16	201180035521.5	2031-Jun-24	Yes
CN	2011-Jun-30	201180033108.5	2013-Mar-20	CN 102985749	2015-Dec-16	201180033108.5	2031-Jun-30	Yes
CN	2011-Aug-05	201180042395.6	2013-Apr-24	CN 103069746	2016-Aug-31	201180042395.6	2031-Aug-05	Yes
CN	2011-Aug-11	201180039708.2	2013-May-15	CN 103109127	2016-Apr-20	201180039708.2	2031-Aug-11	Yes
CN	2011-Oct-27	201120415687.7			2012-Aug-08	201120415687.7	2021-Oct-27	Yes
CN	2011-Nov-15	201180056689.4	2013-Jul-24	CN 103222339	2016-Mar-16	201180056689.4	2031-Nov-15	Yes
CN	2012-Jan-11	201280005383.0	2013-Sep-18	CN 103314257	2017-Apr-26	201280005383.0	2032-Jan-11	Yes
CN	2012-Mar-16	201280016138.X	2013-Dec-25	CN 103477148	2016-Aug-17	201280016138.X	2032-Mar-16	Yes
CN	2012-Mar-22	201280016491.8	2013-Dec-18	CN 103459921	2016-Nov-02	201280016491.8	2032-Mar-22	Yes
CN	2012-Mar-27	201280016137.5	2013-Dec-25	CN 103477710	2016-Dec-28	201280016137.5	2032-Mar-27	Yes
CN	2012-May-14	201280023861.0	2014-Jan-22	CN 103535114	2016-Nov-16	201280023861.0	2032-May-14	Yes
CN	2012-Jun-01	201280030308.X	2014-Mar-05	CN 103620302	2017-Apr-26	201280030308.X	2032-Jun-01	Yes
CN	2012-Aug-02	201280039943.4	2014-Apr-23	CN 103748961	2017-Sep-22	201280039943.4	2032-Aug-02	Yes
CN	2012-Oct-05	201280049139.4	2014-Jun-04	CN 103843287	2017-Oct-03	201280049139.4	2032-Oct-05	Yes
CN	2012-Oct-17	201280051600.X	2014-Jun-25	CN 103891405	2016-Aug-24	201280051600.X	2032-Oct-17	Yes
CN	2012-Oct-19	201280056361.7	2014-Jul-23	CN 103947290	2017-Apr-12	201280056361.7	2032-Oct-19	Yes
CN	2012-Oct-29	201280053981.5	2014-Jul-02	CN 103907398	2017-Feb-15	201280053981.5	2032-Oct-29	Yes
CN	2012-Nov-09	201280052122.4			2017-Jun-30	201280052122.4		Yes
CN	2012-Dec-11	201280061477.X	2014-Oct-15	CN 104106018	2017-Sep-01	201280061477.X	2032-Dec-11	Yes
CN	2013-Jan-02	201380003666.6	2014-Nov-05	CN 104137650	2017-Feb-22	201380003666.6	2033-Jan-02	Yes
CN	2013-Jan-02	201380004266.7	2014-Aug-27	CN 104012178	2017-Mar-15	201380004266.7	2033-Jan-02	Yes
CN	2013-Jan-10	201710265967.6	2017-Aug-22	CN 107084318				Yes
CN	2013-Jan-10	201380005278.1	2014-Sep-10	CN 104040242			2033-Jan-10	Yes
CN	2013-Jan-15	201380005586.4	2014-Sep-24	CN 104067694	2016-Mar-30	201380005586.4	2033-Jan-15	Yes
CN	2013-Jan-18	201380007633.9	2014-Oct-22	CN 104115559	2017-May-10	201380007633.9	2033-Jan-18	Yes
CN	2013-Jan-25	201380007881.3	2014-Oct-08	CN 104094668	2016-May-04	201380007881.3	2033-Jan-25	Yes
CN	2013-Jan-25	201380007634.3	2014-Oct-22	CN 104115560	2017-Dec-26	201380007634.3	2033-Jan-25	Yes
CN	2013-Feb-08	201380004446.5	2014-Sep-03	CN 104025711	2016-Aug-24	201380004446.5	2033-Feb-08	Yes
CN	2013-Feb-22	201380010771.2	2014-Nov-05	CN 104137652	2017-Jun-30	201380010771.2	2033-Feb-22	Yes
CN	2013-Mar-07	201380016846.8	2014-Dec-10	CN 104206013	2017-Jul-04	201380016846.8		Yes
CN	2013-Mar-08	201380015522.2	2015-Jan-28	CN 104322145	2017-Apr-26	201380015522.2		Yes
CN	2013-Mar-20	201380017691.X			2017-Jun-06	201380017691.X		Yes
CN	2013-Apr-02	201380018262.4	2014-Dec-03	CN 104186025	2017-Dec-08	201380018262.4		Yes
CN	2013-Apr-16	201380020009.2	2015-Feb-04	CN 104334957				Yes
CN	2013-Apr-25	201380023197.4	2015-Jan-07	CN 104272869				Yes
CN	2013-Apr-26	201380024396.7	2015-Jan-07	CN 104272873	2017-Sep-15	201380024396.7		Yes
CN	2013-May-22	201380029599.5	2015-Feb-18	CN 104364874	2016-Dec-14	201380029599.5		Yes
CN	2013-Jul-10	201380036783.2	2015-Mar-25	CN 104472026				Yes
CN	2013-Jul-24	201380039731.0			2017-Nov-03	201380039731.0		Yes
CN	2013-Sep-17	201380048298.7	2015-May-20	CN 104641175				Yes
CN	2013-Sep-24	201380026814.6	2015-Jan-28	CN 104322147	2017-Nov-21	201380026814.6		Yes
CN	2013-Oct-30	201390000865.7			2016-Jan-13	201390000865.7	2023-Oct-30	Yes
CN	2013-Dec-02	201380065409.5	2015-Aug-26	CN 104871642	2017-Jul-07	201380065409.5		Yes
CN	2014-Mar-05	201480012658.2	2015-Oct-28	CN 105008792	2017-Sep-05	201480012658.2		Yes
CN	2014-Mar-12	201480014320.0	2015-Oct-28	CN 105008796				Yes
CN	2014-Apr-02	201480019559.7	2015-Dec-16	CN 105165120				Yes
CN	2014-Jun-04	201480031965.5	2016-Jan-20	CN 105265018	2017-Nov-17	201480031965.5		Yes
CN	2014-Jun-04	201710959762.8						Yes
CN	2014-Jul-09	201480043272.8	2016-Mar-23	CN 105432145				Yes
CN	2014-Jul-23	201480043274.7	2016-Mar-23	CN 105432146				Yes
CN	2014-Aug-27	201480038829.9	2016-Apr-06	CN 105474748	2017-Jun-09	201480038829.9		Yes
CN	2014-Oct-14	201480056721.2	2016-Jun-01	CN 105637979				Yes
CN	2014-Nov-12	201480064036.4	2016-Jul-13	CN 105766060				Yes
CN	2014-Dec-23	201480007671.9	2015-Oct-07	CN 104968991				Yes
CN	2015-Jan-27	201580008533.7	2016-Nov-02	CN 106068607				Yes
CN	2015-Feb-03	201580002967.6	2016-Jul-20	CN 105793641	2017-Jun-20	201580002967.6		Yes
CN	2015-Mar-13	201580013558.6	2016-Nov-09	CN 106104150				Yes
CN	2015-Jun-19	201580036041.9	2017-Mar-01	CN 106471869				Yes
CN	2015-Jun-24	201580036637.9	2017-Mar-01	106471710				Yes
CN	2015-Sep-25	201580054824.X						Yes
CN	2015-Nov-03	201580059874.7	2017-Sep-08	CN 107148804				Yes
CN	2016-Apr-04	201680020930.0	2017-Dec-05	CN 107439055				Yes
CN	2016-Apr-20	201680023925.5						Yes
CZ	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
CZ	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	

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CZ	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
CZ	2007-Nov-27	07862228.9		EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
CZ	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
DE	1997-Aug-08	97932965.3			2005-Nov-09	69734569.6	2017-Aug-08	
DE	1997-Sep-08	97936833.9	1998-Sep-16	EP 0864064	2002-Dec-04	69717598.7	2017-Sep-08	
DE	1998-Jul-14	98935809.8			2013-Nov-20	698 43 149.9	2018-Jul-14	Yes
DE	1998-Jul-16	98929590.2	1999-Jul-21	EP 0929992	2003-Aug-06	69816958.1	2018-Jul-16	
DE	1998-Jul-16	98929597.7	1999-Jul-21	EP 0929993	2004-Oct-06	69826825.3	2018-Jul-16	
DE	1998-Jul-27	98932457.9	1999-Jul-21	EP 0929994	2003-Jul-02	69816023.1	2018-Jul-27	
DE	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	698 43 276.2	2018-Jul-28	
DE	1998-Aug-26	98944539.0			2002-Aug-07	69807092.5	2018-Aug-26	
DE	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
DE	1998-Dec-17	98964035.4	1999-Jun-24	EP 1040398	2018-Feb-21	1040398	2018-Dec-17	
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DE	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	699 45 014.4	2019-Sep-03	
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DE	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	60023730.3	2020-Jul-14	
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DE	2000-Aug-07	00958400.4			2007-Nov-21	60037178.6	2020-Aug-07	
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DE	2000-Nov-17	00979608.7	2001-Nov-21	EP 1155455	2015-Aug-26	600 49 056.4	2020-Nov-17	
DE	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	600 49 004.1	2020-Nov-20	
DE	2000-Nov-20	00980578.9	2002-Aug-28	EP 1234140	2005-Aug-10	60021911.9	2020-Nov-20	
DE	2000-Dec-01	01123199.0	2002-Jan-30	EP 1176362	2004-Dec-01	50008838.1	2020-Dec-01	Yes
DE	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	50000481.1	2020-Dec-01	Yes
DE	2000-Dec-14	00981374.2	2007-Aug-30	60030541-T2	2006-Sep-06	60030541.4	2020-Dec-14	Yes
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DE	2001-Apr-24	03028671.0			2010-Apr-14	60141857.3	2021-Apr-24	
DE	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	60146245.9	2021-Apr-24	
DE	2001-Jun-21	01948546.5	2003-Mar-26	EP 1295515	2011-Dec-28	1295515	2021-Jun-21	
DE	2001-Jun-21	10182095.9	2011-Sep-07	EP 2364067	2013-Dec-11	601 48 494.0	2021-Jun-21	
DE	2001-Aug-14	01203099.5			2009-Oct-14	60140161.1	2021-Aug-14	
DE	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	50100895.0	2021-Aug-31	Yes
DE	2001-Sep-05	01965257.7			2005-Dec-14	60115927.6	2021-Sep-05	
DE	2001-Oct-25	01997118.3			2009-Jun-17	60139022.9	2021-Oct-25	
DE	2001-Nov-09	01990408.5			2006-Apr-12	60118777.6	2021-Nov-09	
DE	2001-Nov-26	01271986.0	2004-Jan-07	EP 1378011	2016-Nov-02	601 50 184.5	2021-Nov-26	Yes
DE	2001-Dec-03	01989575.4			2005-Aug-10	60112612.2	2021-Dec-03	
DE	2001-Dec-06	01271514.0			2011-Mar-02	60144141.9	2021-Dec-06	Yes
DE	2001-Dec-12	01272187.4			2005-Jun-08	60111421.3	2021-Dec-12	
DE	2001-Dec-21	01994819.9			2008-Nov-05	50114476.5	2021-Dec-21	Yes
DE	2002-Jan-14	02075145.9	2002-Jul-31	EP 1227559	2011-Jul-27	60240594.7	2022-Jan-14	Yes
DE	2002-Mar-14	02703803.3			2007-Aug-08	60221654.0	2022-Mar-14	
DE	2002-Mar-26	10213394.8	2002-Oct-31	DE 10213394 A1			2022-Mar-26	
DE	2002-May-10	02734387.0	2004-Feb-11	EP 1388276	2011-Aug-10	60240739.7	2022-May-10	
DE	2002-May-30	02739485.7			2010-May-05	60236280.6	2022-May-30	
DE	2002-Jun-07	02735758.1			2006-Aug-09	60213804.3	2022-Jun-07	
DE	2002-Jun-21	02738518.6			2008-Dec-10	60230275.7	2022-Jun-21	
DE	2002-Jul-18	02751537.8			2006-May-24	60211710.0	2022-Jul-18	

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DE	2002-Jul-18	02751538.6			2006-May-17	60211526.4	2022-Jul-18	
DE	2002-Jul-23	02755430.2	2004-May-06	EP 1415345	2014-Apr-23	602 46 216.9	2022-Jul-23	
DE	2002-Aug-09	02755483.1	2004-May-26	EP 1421830	2011-Oct-12	60241309.5	2022-Aug-09	
DE	2002-Sep-17	02773430.0	2004-Jun-16	EP 1428415	2012-Jul-18	60243345.2	2022-Sep-17	
DE	2002-Sep-30	02800685.6			2006-May-10	60211366.0	2022-Sep-30	
DE	2002-Nov-15	02781532.3			2008-Feb-27	60225333.0	2022-Nov-15	
DE	2002-Nov-29	02785772.1			2009-Sep-16	60233752.6	2022-Nov-29	
DE	2002-Dec-09	02788334.7	2004-Sep-29	EP 1461981	2017-Aug-30	602 49 059.6	2022-Dec-09	
DE	2002-Dec-18	02790614.8	2004-Sep-22	EP 1459280	2012-Feb-15	1459280	2022-Dec-18	
DE	2002-Dec-19	02796002.0	2004-Sep-22	EP 1459600	2014-Feb-26	60246023.9	2022-Dec-19	
DE	2002-Dec-20	02790641.1	2007-Aug-23	60215701-T2	2006-Oct-25	60215701.3	2022-Dec-20	
DE	2003-Feb-06	03700452.0			2006-Jul-05	60306624.0	2023-Feb-06	
DE	2003-Jun-12	03735929.6			2009-May-06	60327526.5	2023-Jun-12	
DE	2003-Aug-28	03791823.2			2010-Jan-13	60330967.4	2023-Aug-28	
DE	2003-Sep-03	03793997.2			2009-Apr-29	60327439.0	2023-Sep-03	Yes
DE	2003-Nov-11	03758604.7			2010-Mar-03	60331582.8	2023-Nov-11	
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DE	2004-Jul-21	04737997.9	2006-Apr-26	EP 1649730	2013-Mar-13	60 2004 041 337.2	2024-Jul-21	
DE	2004-Sep-01	04769910.3	2006-Jun-07	EP 1665893	2016-Jul-06	60 2004 049 553.0	2024-Sep-01	
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DE	2005-Jul-06	05761104.8	2007-Apr-04	EP 1769560	2016-Sep-07	60 2005 050 187.8	2025-Jul-06	Yes
DE	2005-Jul-14	05763182.2	2007-Apr-11	EP 1772044	2012-Sep-12	602005036105.7	2025-Jul-14	
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DE	2005-Aug-02	05773348.7			2008-Jan-09	602005004297.0	2025-Aug-02	Yes
DE	2005-Aug-02	05773347.9			2010-Jan-20	602005019055.4	2025-Aug-02	Yes
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DE	2005-Aug-18	05776896.2	2007-Jun-13	EP 1794811	2011-Jun-29	602005028775.2	2025-Aug-18	
DE	2005-Sep-12	05782814.7	2007-Jun-13	EP 1794491	2011-Jun-29	602005028781.7	2025-Sep-12	Yes
DE	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
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DE	2005-Nov-24	05826628.9			2011-Jan-26	602005026161.3	2025-Nov-24	
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DE	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
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DE	2006-May-11	06744912.4	2008-Feb-20	EP 1889518	2011-Dec-14	602006026375.9	2026-May-11	
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DE	2006-Jul-05	06766007.6	2008-Apr-02	EP 1905273	2012-Apr-18	602006028946.4	2026-Jul-05	
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DE	2006-Sep-25	06821145.7	2008-Jun-18	EP 1932394	2016-Apr-27	60 2006 048 896.3	2026-Sep-25	
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DE	2006-Oct-11	06812715.8			2012-Jun-13	602006030203.7	2026-Oct-11	Yes

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DE	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
DE	2006-Oct-11	202006020673.6			2009-Aug-27	202006020673.6	2016-Oct-11	Yes
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DE	2006-Nov-20	06821499.8			2012-Jan-11	602006027079.8	2026-Nov-20	
DE	2006-Dec-06	06832117.3	2008-Sep-03	EP 1964451	2011-Jul-06	602006022985.2	2026-Dec-06	
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DE	2007-Sep-20	07826476.9			2011-Mar-02	602007012918.4	2027-Sep-20	
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DE	2007-Nov-08	07827030.3			2010-Mar-31	602007005681.0	2027-Nov-08	Yes
DE	2007-Nov-09	07840007.4			2010-Jul-14	602007007804.0	2027-Nov-09	
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DE	2007-Nov-27	07862228.9			2011-Mar-02	602007012927.3	2027-Nov-27	
DE	2007-Dec-04	07849329.3			2011-Apr-06	602007013807.8	2027-Dec-04	
DE	2007-Dec-05	07849344.2	2009-Sep-23	EP 2103188	2012-Aug-01	602007024437.4	2027-Dec-05	
DE	2007-Dec-07	07849372.3	2009-Sep-23	EP 2103190	2012-Oct-17	602007026189.9	2027-Dec-07	
DE	2007-Dec-11	07855501.8	2009-Aug-26	EP 2092797	2012-Nov-21	602007026906.7	2027-Dec-11	
DE	2008-Mar-19	08719767.9			2010-Oct-27	602008003202.7	2028-Mar-19	
DE	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	602008017813.7	2028-Mar-31	
DE	2008-Apr-04	08737714.9			2010-Oct-06	602008002911.5	2028-Apr-04	
DE	2008-Apr-11	08737808.9	2010-Jan-06	EP 2140502	2017-Apr-05	60 2008 049 602.3	2028-Apr-11	Yes
DE	2008-Apr-15	08737850.1	2010-Jan-06	EP 2140733	2013-Jun-19	60 2008 025 428.3	2028-Apr-15	
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DE	2008-Apr-28	08738006.9	2010-Jan-27	EP 2147576	2014-Apr-16	60 2008 031 540.1	2028-Apr-28	
DE	2008-May-01	08738061.4	2010-Jan-20	EP 2145129	2014-Dec-03	60 2008 035 678.7	2028-May-01	
DE	2008-May-02	08747429.2	2010-Jan-27	EP 2147244	2015-Dec-02	60 2008 041 414.0	2028-May-02	
DE	2008-May-05	08738079.6	2010-Jan-27	EP 2147349	2013-Jul-17	60 2008 026 070.4	2028-May-05	Yes
DE	2008-May-09	08763076.0	2010-Feb-24	EP 2156279	2011-Dec-21	602008012194.1	2028-May-09	
DE	2008-May-26	08763104.0	2010-Feb-10	EP 2150851	2015-Mar-11	60 2008 037 101.8	2028-May-26	Yes
DE	2008-May-30	08763152.9	2010-Mar-10	EP 2160731	2016-Jul-13	60 2008 045 095.3	2028-May-30	
DE	2008-Jun-23	08763422.6	2010-Mar-17	EP 2163132	2013-Oct-09	60 2008 028 010.1	2028-Jun-23	
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DE	2008-Aug-06	08789562.9	2010-Apr-21	EP 2177082	2012-Jul-11	602008017155.8	2028-Aug-06	
DE	2008-Aug-14	08789608.0			2011-Apr-27	602008006564.2	2028-Aug-14	
DE	2008-Sep-16	08807680.7	2010-Jul-07	EP 2203679	2012-May-30	602008016058.0	2028-Sep-16	Yes
DE	2008-Oct-08	08838302.1	2010-Jul-21	EP 2207998	2015-Sep-16	60 2008 040 227.4	2028-Oct-08	
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DE	2009-Jul-10	09786561.2	2011-Mar-23	EP 2297516	2012-Feb-22	602009005528.3	2029-Jul-10	Yes
DE	2009-Jul-22	09786664.4	2011-May-11	EP 2319275	2013-Nov-20	60 2009 020 292.8	2029-Jul-22	
DE	2009-Jul-22	09786669.3	2011-May-04	EP 2316251	2012-May-09	602009006857.1	2029-Jul-22	
DE	2009-Sep-04	09787096.8	2011-Jun-01	EP 2326869	2016-Jun-29	60 2009 039 490.8	2029-Sep-04	Yes

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DE	2009-Oct-02	09787352.5	2011-Jul-20	EP 2345307	2013-Dec-11	2345307	2029-Oct-02	Yes
DE	2009-Nov-12	09760323.7	2011-Aug-24	EP 2359052	2016-Feb-10	60 2009 036 210.0	2029-Nov-12	Yes
DE	2009-Nov-27	09775293.5	2011-Oct-19	EP 2377371	2016-Apr-20	60 2009 038 008.7	2029-Nov-27	Yes
DE	2009-Nov-30	09774962.6	2011-Nov-16	EP 2386044	2015-Jul-29	60 2009 032 546.9	2029-Nov-30	
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DE	2010-Jan-05	10702908.4	2011-Nov-16	EP 2386043	2016-Apr-13	60 2010 032 209.2	2030-Jan-05	
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DE	2010-Aug-18	10760766.5	2012-Jul-04	EP 2471344	2013-Aug-07	60 2010 009 248.8	2030-Aug-18	Yes
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DE	2011-Mar-11	11714109.3	2013-Jan-30	EP 2550843	2018-Jan-24	2550843	2031-Mar-11	Yes
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DE	2011-Jun-16	11754735.6	2013-Apr-24	EP 2583536	2015-Feb-11	60 2011 013 658.5	2031-Jun-16	Yes
DE	2011-Jun-24	11738309.1	2013-May-29	EP 2596554	2014-Oct-29	60 2011 010 962.6	2031-Jun-24	Yes
DE	2011-Jun-30	11738821.5	2013-May-15	EP 2591275	2017-Mar-01	60 2011 035 419.1	2031-Jun-30	Yes
DE	2011-Aug-05	11754507.9	2013-Jul-10	EP 2612463	2014-Apr-16	602011006274.3	2031-Aug-05	Yes
DE	2011-Aug-11	11754522.8	2013-Jun-26	EP 2606274			2031-Aug-11	Yes
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DE	2012-Apr-02	12716291.5	2014-Feb-12	EP 2694867	2016-Aug-31	60 2012 022 383.9	2032-Dec-02	
DE	2012-May-14	12724737.7	2014-Mar-26	EP 2710860	2016-Nov-30	60 2012 026 017.3	2032-May-14	Yes
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DE	2013-Jan-02	13703878.2	2014-Aug-06	EP 2761978	2016-Apr-06	60 2013 006 216.1	2033-Jan-02	Yes
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DE	2013-Jan-15	13707438.1	2014-Dec-10	EP 2810531	2015-Sep-02	60 2013 002 852.4	2033-Jan-15	Yes
DE	2013-Jan-25	13709554.3	2014-Dec-10	EP 2810533	2015-Aug-05	60 2013 002 530.4	2033-Jan-25	Yes
DE	2013-Feb-08	13713975.4	2014-Oct-08	EP 2786640	2015-Jul-22	602013002380.8	2033-Feb-08	Yes
DE	2013-Feb-22	13717318.3	2014-Dec-31	EP 2818028	2017-Apr-12	60 2013 019 732.6	2033-Feb-22	Yes
DE	2013-Mar-07	13720567.0	2015-Feb-04	EP 2832183	2016-May-18	60 2013 007 675.8		Yes
DE	2013-Mar-08	13721393.0	2015-Jan-28	EP 2829158	2016-May-18	60 2013 007 680.4		Yes
DE	2013-Mar-20	13721401.1	2015-Feb-04	EP 2832184	2016-Jan-13	60 2013 004 648.4	2033-Mar-20	Yes
DE	2013-Apr-16	13726598.9	2015-Feb-25	EP 2839204	2016-Dec-14	60 2013 015 332.9		Yes
DE	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	60 2013 005 428.2	2033-May-22	Yes
DE	2013-Sep-17	13799377.0	2015-Jul-29	EP 2898265	2016-Dec-07	60 2013 015 148.2		Yes
DE	2013-Oct-30	202013012202.1			2015-Aug-03	202013012202	2023-Oct-30	Yes
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DE	2014-Mar-05	14709902.2	2016-Jan-27	EP 2976567	2017-May-10	60 2014 009 653.0		Yes
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DE	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
DE	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	60 2014 006 959.2		Yes
DE	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	60 2014 020 069.9		Yes
DE	2014-Aug-27	14756047.8	2016-Jul-06	EP 3039946	2017-May-31	60 2014 010 355.3		Yes
DE	2014-Dec-23	14819015.0	2015-Oct-28	EP 2935980	2016-Jun-15	60 2014 002 344.4	2034-Dec-23	Yes
DE	2015-Jan-27	15702426.6	2016-Dec-21	EP				Yes
DE	2015-Feb-03	EP15702484.5	2016-Sep-28	EP 3071881	2017-Aug-23	60 2015 004 321.9		Yes
DE	2016-Apr-20	16721678.7	2017-Dec-27	EP 3259959				Yes

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
DK	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
DK	1999-Sep-03	99943116.6		EP 1110198	2003-Nov-05	1110198	2019-Sep-03	
DK	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
DK	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
DK	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
DK	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
DK	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	
DK	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
DK	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
DK	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
DK	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
DK	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
DK	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
DK	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
DK	2007-Nov-27	07862228.9		EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
DK	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
DK	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
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EP	1998-Jul-28	14175208.9	2014-Oct-29	EP 2796781				
EP	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
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EP	2000-Nov-20	15169577.2	2016-Jan-20	EP 2975912				
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EP	2004-Sep-21	04770043.0	2006-Jun-14	EP 1668622	2017-Apr-26	1668622	2024-Sep-21	
EP	2005-Mar-02	05724343.8	2006-Dec-13	EP 1729615			2025-Mar-02	
EP	2005-Mar-14	05725602.6	2006-Dec-13	EP 1731004	2017-May-17	1731004	2025-Mar-14	
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EP	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
EP	2006-May-19	06741539.8	2008-Feb-27	EP 1891671			2026-May-19	
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EP	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
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EP	2006-Oct-11	17150659.5	2017-Jul-05	EP 3188164				Yes
EP	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
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EP	2007-May-31	15177109.4	2016-Mar-23	EP 2999314				Yes
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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
EP	2007-Nov-27	07862228.9	2009-Aug-19	EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
EP	2007-Dec-07	10194284.5	2011-Mar-30	EP 2302983			2027-Dec-07	
EP	2007-Dec-11	07855500.0	2009-Aug-26	EP 2092796			2027-Dec-11	
EP	2007-Dec-17	07849526.4	2009-Sep-02	EP 2095353			2027-Dec-17	Yes
EP	2008-Mar-12	08731957.0						Yes
EP	2008-Mar-12	08743813.1						Yes
EP	2008-Apr-11	08737808.9	2010-Jan-06	EP 2140502	2017-Apr-05	2140502	2028-Apr-11	Yes
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EP	2008-May-02	08747545.5	2010-Feb-17	EP 2153115			2028-May-02	
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EP	2008-Jun-30	08789176.8	2010-Mar-24	EP 2165576			2028-Jun-30	
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EP	2008-Dec-16	08862035.6	2010-Oct-06	EP 2235589			2028-Dec-16	
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EP	2009-May-20	09754264.1	2011-Feb-23	EP 2286288			2029-May-20	Yes
EP	2009-Jun-12	09761216.2	2011-Mar-02	EP 2288848			2029-Jun-12	Yes
EP	2009-Sep-02	09787073.7	2011-Jun-15	EP 2332392			2029-Sep-02	Yes
EP	2009-Nov-03	09759792.6	2011-Jul-27	EP 2347172			2029-Nov-03	Yes
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EP	2013-Apr-02	13722565.2	2015-Feb-11	EP 2835033				Yes
EP	2013-Apr-25	13727651.5	2015-Mar-11	EP 2845445				Yes
EP	2013-Apr-26	13727386.8	2015-Mar-18	EP 2848091				Yes
EP	2013-Jul-10	13765478.6	2015-May-20	EP 2873310				Yes
EP	2013-Jul-24	13745301.5						Yes
EP	2013-Sep-24	13802432.8	2015-Feb-11	EP 2835035				Yes
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EP	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
EP	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543		Yes
EP	2014-Aug-27	14756047.8	2016-Jul-06	EP 3039946	2017-May-31	3039946		Yes
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EP	2014-Nov-12	EP14799386.9	2016-Sep-28	EP 3072359				Yes
EP	2015-Jan-27	15702426.6	2016-Dec-21	EP				Yes
EP	2015-Feb-03	EP15702484.5	2016-Sep-28	EP 3071881	2017-Aug-23	3071881		Yes

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
EP	2015-Mar-13	EP15709526.6	2017-Jan-18	EP				Yes
EP	2015-Jun-19	15731288.5	2017-May-03	3162169-A				Yes
EP	2015-Jun-24	EP15731323.0	2017-May-10	3164928-A				Yes
EP	2015-Sep-25	15774889.8	2017-Aug-16	EP 3205184				Yes
EP	2015-Nov-03	15790913.6	2017-Sep-13	EP 3216317				Yes
EP	2016-Apr-04	16713475.8	2018-Feb-14	EP 3281270				Yes
EP	2016-Apr-20	16721678.7	2017-Dec-27	EP 3259959				Yes
ES	1998-Jan-22	98900141.7	1999-Jan-13	EP 0890059	2004-Jun-23	0890059	2018-Jan-22	
ES	1998-Jul-28	98937339.4	2014-Oct-22	EP 2511028	2014-Jul-23	1000295	2018-Jul-28	
ES	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
ES	1998-Aug-26	98944539.0		EP 1016062	2002-Aug-07	1016062	2018-Aug-26	
ES	1998-Dec-17	98964035.4	1999-Jun-24	EP 1040398	2018-Feb-21	1040398	2018-Dec-17	
ES	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
ES	1999-Sep-08	99969780.8	2000-Nov-02	EP 1047904	2013-Apr-24	1047904	2019-Sep-08	
ES	1999-Sep-13	99944640.4		EP 1047903	2007-Jun-27	1047903	2019-Sep-13	
ES	1999-Sep-17	99948820.8		EP 1046196	2008-Jan-16	1046196	2019-Sep-17	
ES	2000-Apr-06	00926827.7	2001-Apr-04	EP 1088350	2011-Nov-23	1088350	2020-Apr-06	Yes
ES	2000-Jun-22	00947862.9		EP 1108180	2008-Jul-30	1108180	2020-Jun-22	Yes
ES	2000-Jul-14	09160257.3		EP 2139299	2011-Mar-02	2139299	2020-Jul-14	
ES	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	1224845	2020-Jul-14	
ES	2000-Jul-14	05077467.8		EP 1624728	2009-May-06	1624728	2020-Jul-14	
ES	2000-Nov-20	05076817.5	2015-Oct-09	EP 2547927	2015-Jul-08	1610593	2020-Nov-20	
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ES	2005-Jul-14	05763182.2	2007-Apr-11	EP 1772044	2012-Sep-12	1772044	2025-Jul-14	
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ES	2005-Oct-12	05791339.4	2007-Jun-27	EP 1800401	2012-Apr-04	1800401	2025-Oct-12	
ES	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
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ES	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
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ES	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	

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ES	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
ES	2007-May-02	07735739.0	2009-Jan-28	EP 2018795	2016-Dec-14	2018795	2027-May-02	
ES	2007-May-31	07736055.0	2009-Mar-04	EP 2030483	2015-Oct-21	2030483	2027-May-31	Yes
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ES	2007-Jul-05	07825886.0		EP 2052181	2010-Mar-31	2052181	2027-Jul-05	
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ES	2007-Sep-20	07826476.9		EP 2074866	2011-Mar-02	2074866	2027-Sep-20	
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FI	2007-Sep-20	07826476.9		EP 2074866	2011-Mar-02	2074866	2027-Sep-20	

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FI	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
FI	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
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FR	2001-Aug-14	01203099.5		EP 1182396	2009-Oct-14	1182396	2021-Aug-14	
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FR	2001-Sep-05	01965257.7		EP 1321012	2005-Dec-14	1321012	2021-Sep-05	
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FR	2001-Nov-09	01990408.5		EP 1338181	2006-Apr-12	1338181	2021-Nov-09	
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FR	2002-Sep-30	02800685.6		EP 1438877	2006-May-10	1438877	2022-Sep-30	

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FR	2002-Dec-09	02788334.7	2004-Sep-29	EP 1461981	2017-Aug-30	1461981	2022-Dec-09	
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FR	2003-Jun-12	03735929.6		EP 1518445	2009-May-06	1518445	2023-Jun-12	
FR	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
FR	2003-Sep-03	03793997.2		EP 1537354	2009-Apr-29	1537354	2023-Sep-03	Yes
FR	2003-Nov-11	03758604.7		EP 1568255	2010-Mar-03	1568255	2023-Nov-11	
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FR	2003-Dec-11	03813686.7	2005-Sep-28	EP 1579735	2016-Mar-09	1579735	2023-Dec-11	
FR	2003-Dec-12	03777092.2	2005-Sep-28	EP 1579732	2014-Jun-18	1579732	2023-Dec-12	
FR	2003-Dec-18	03777121.9		EP 1579733	2008-Apr-09	1579733	2023-Dec-18	
FR	2004-Apr-21	04760087.9	2006-Feb-01	EP 1620843	2015-Sep-02	1620843	2024-Apr-21	
FR	2004-Apr-22	04728861.8		EP 1623602	2007-Mar-07	1623602	2024-Apr-22	
FR	2004-Apr-30	04730612.1		EP 1623604	2008-Apr-16	1623604	2024-Apr-30	
FR	2004-Sep-01	04769910.3	2006-Jun-07	EP 1665893	2016-Jul-06	1665893	2024-Sep-01	
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FR	2004-Nov-05	04799073.4	2006-Aug-02	EP 1685745	2013-May-01	1685745	2024-Nov-05	
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FR	2004-Dec-13	12198393.6	2013-Mar-27	EP 2572932	2015-Apr-22	2572932	2024-Dec-13	
FR	2005-Mar-14	05725602.6	2006-Dec-13	EP 1731004	2017-May-17	1731004	2025-Mar-14	
FR	2005-Apr-27	05731773.7		EP 1752024	2009-Nov-18	1752024	2025-Apr-27	
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FR	2005-Jun-03	05748175.6		EP 1757169	2011-Apr-27	1757169	2025-Jun-03	
FR	2005-Jun-23	05759404.6	2007-Apr-25	EP 1776628	2011-Nov-30	1776628	2025-Jun-23	
FR	2005-Jun-23	05751748.4		EP 1763650	2007-Dec-12	1763650	2025-Jun-23	
FR	2005-Jun-28	05752840.8	2007-Mar-28	EP 1767065	2014-Jun-04	1767065	2025-Jun-28	
FR	2005-Jul-06	05761104.8	2007-Apr-04	EP 1769560	2016-Sep-07	1769560	2025-Jul-06	Yes
FR	2005-Jul-14	05763182.2	2007-Apr-11	EP 1772044	2012-Sep-12	1772044	2025-Jul-14	
FR	2005-Jul-18	05764023.7	2007-Apr-25	EP 1776844	2014-Jun-25	1776844	2025-Jul-18	
FR	2005-Aug-02	05772133.4	2007-May-09	EP 1782660	2011-Oct-12	1782660	2025-Aug-02	
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FR	2005-Sep-12	05782814.7	2007-Jun-13	EP 1794491	2011-Jun-29	1794491	2025-Sep-12	Yes
FR	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
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FR	2005-Oct-12	05791339.4	2007-Jun-27	EP 1800401	2012-Apr-04	1800401	2025-Oct-12	
FR	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
FR	2005-Nov-23	05810845.7	2007-Aug-29	EP 1825717	2014-Jan-08	1825717	2025-Nov-23	
FR	2005-Nov-24	05826628.9		EP 1820373	2011-Jan-26	1820373	2025-Nov-24	
FR	2005-Nov-28	05807221.6	2007-Aug-29	EP 1825515	2015-Nov-25	1825515	2025-Nov-28	Yes
FR	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
FR	2005-Dec-16	05820993.3	2007-Feb-22	EP 1922905	2012-Jul-04	1922905	2025-Dec-16	
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FR	2006-Apr-19	06727966.1	2006-Nov-02	EP 1878319	2011-Nov-02	1878319	2026-Apr-19	
FR	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
FR	2006-May-10	06744904.1		EP 1889112	2009-Jul-22	1889112	2026-May-10	
FR	2006-May-11	06744912.4	2008-Feb-20	EP 1889518	2011-Dec-14	1889518	2026-May-11	
FR	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
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FR	2006-Sep-15	06821092.1	2008-Jun-18	EP 1932178	2012-Feb-08	1932178	2026-Sep-15	Yes
FR	2006-Sep-25	06821145.7	2008-Jun-18	EP 1932394	2016-Apr-27	1932394	2026-Sep-25	
FR	2006-Oct-02	06809462.2	2008-Jun-25	EP 1935085	2012-Mar-28	1935085	2026-Oct-02	
FR	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
FR	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
FR	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
FR	2006-Nov-07	06821351.1		EP 1948995	2010-Apr-28	1948995	2026-Nov-07	
FR	2006-Nov-20	06821499.8		EP 1954975	2012-Jan-11	1954975	2026-Nov-20	
FR	2006-Dec-06	06832117.3	2008-Sep-03	EP 1964451	2011-Jul-06	1964451	2026-Dec-06	
FR	2006-Dec-11	06832203.1		EP 1963735	2010-Sep-29	1963735	2026-Dec-11	
FR	2006-Dec-12	06842457.1	2008-Sep-03	EP 1964449	2014-Jul-23	1964449	2026-Dec-12	Yes
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FR	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	
FR	2007-Jan-03	07716200.6	2008-Sep-24	EP 1972183	2015-Mar-18	1972183	2027-Jan-03	

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FR	2007-Mar-08	07710709.2	2008-Dec-03	EP 1996857	2016-May-25	1996857	2027-Mar-08	
FR	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
FR	2007-May-02	07735739.0	2009-Jan-28	EP 2018795	2016-Dec-14	2018795	2027-May-02	
FR	2007-May-31	15177099.7	2016-Apr-27	EP 3013124	2017-Jul-12	3013124		Yes
FR	2007-May-31	07736055.0	2009-Mar-04	EP 2030483	2015-Oct-21	2030483	2027-May-31	Yes
FR	2007-Jun-19	07789721.3	2009-Mar-25	EP 2039069	2017-Apr-05	2039069	2027-Jun-19	
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FR	2007-Jul-03	07825879.5	2009-Apr-01	EP 2042003	2012-Oct-24	2042003	2027-Jul-03	
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FR	2007-Aug-09	07836669.7	2009-Nov-18	EP 2119318	2013-Oct-16	2119318	2027-Aug-09	
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FR	2007-Nov-06	07826984.2		EP 2082620	2010-Jul-28	2082620	2027-Nov-06	
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FR	2008-Dec-22	08863774.9	2010-Oct-06	EP 2235435	2013-Sep-11	2235435	2028-Dec-22	
FR	2008-Dec-29	08870459.8	2010-Sep-22	EP 2229803	2011-Oct-26	2229803	2028-Dec-29	
FR	2009-Jul-10	09786561.2	2011-Mar-23	EP 2297516	2012-Feb-22	2297516	2029-Jul-10	Yes
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FR	2009-Nov-12	09760323.7	2011-Aug-24	EP 2359052	2016-Feb-10	2359052	2029-Nov-12	Yes
FR	2009-Nov-27	09775293.5	2011-Oct-19	EP 2377371	2016-Apr-20	2377371	2029-Nov-27	Yes
FR	2009-Nov-30	09774962.6	2011-Nov-16	EP 2386044	2015-Jul-29	2386044	2029-Nov-30	
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FR	2010-Jan-05	10702908.4	2011-Nov-16	EP 2386043	2016-Apr-13	2386043	2030-Jan-05	
FR	2010-Mar-15	10712534.6	2012-Feb-01	EP 2412209	2018-Feb-21	2412209	2030-Mar-15	Yes
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FR	2010-May-21	13165765.2	2013-Aug-07	EP 2623846	2016-Jul-20	2623846	2030-May-21	Yes

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
FR	2010-May-21	10726288.3	2012-Apr-04	EP 2435753	2013-May-15	2435753	2030-May-21	Yes
FR	2010-May-26	10727919.2	2012-Apr-04	EP 2435754	2016-Apr-27	2435754	2030-May-26	Yes
FR	2010-Jun-04	10728329.3	2012-Apr-11	EP 2438647	2013-Oct-16	2438647	2030-Jun-04	Yes
FR	2010-Jun-09	10728345.9	2012-Apr-25	EP 2443624	2014-Jan-08	2443624	2030-Jun-09	Yes
FR	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
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FR	2010-Aug-18	10760766.5	2012-Jul-04	EP 2471344	2013-Aug-07	2471344	2030-Aug-18	Yes
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FR	2011-Apr-01	11719657.6	2013-Feb-13	EP 2556294	2015-Mar-25	2556294	2031-Apr-01	
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FR	2011-Jun-16	11754735.6	2013-Apr-24	EP 2583536	2015-Feb-11	2583536	2031-Jun-16	Yes
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FR	2012-Jan-11	12703883.4	2013-Nov-20	EP 2663806	2018-Jan-03	2663806	2031-Jan-14	Yes
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FR	2012-May-14	12724737.7	2014-Mar-26	EP 2710860	2016-Nov-30	2710860	2032-May-14	Yes
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FR	2013-Jan-15	13707438.1	2014-Dec-10	EP 2810531	2015-Sep-02	2810531	2033-Jan-15	Yes
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FR	2013-Mar-07	13720567.0	2015-Feb-04	EP 2832183	2016-May-18	2832183		Yes
FR	2013-Mar-08	13721393.0	2015-Jan-28	EP 2829158	2016-May-18	2829158		Yes
FR	2013-Mar-20	13721401.1	2015-Feb-04	EP 2832184	2016-Jan-13	2832184	2033-Mar-20	Yes
FR	2013-Apr-16	13726598.9	2015-Feb-25	EP 2839204	2016-Dec-14	2839204		Yes
FR	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	2856490	2033-May-22	Yes
FR	2013-Sep-17	13799377.0	2015-Jul-29	EP 2898265	2016-Dec-07	2898265		Yes
FR	2013-Dec-02	13805599.1	2015-Oct-21	EP 2932797	2017-Oct-04	2932797		Yes
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FR	2014-Mar-12	14713924.0	2016-Feb-03	EP	2017-Feb-22	2979023		Yes
FR	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
FR	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541		Yes
FR	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543		Yes
FR	2014-Aug-27	14756047.8	2016-Jul-06	EP 3039946	2017-May-31	3039946		Yes
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FR	2015-Feb-03	EP15702484.5	2016-Sep-28	EP 3071881	2017-Aug-23	3071881		Yes
FR	2016-Apr-20	16721678.7	2017-Dec-27	EP 3259959				Yes
GB	1997-Aug-08	97932965.3		EP 0870384	2005-Nov-09	0870384	2017-Aug-08	
GB	1997-Sep-08	97936833.9	1998-Sep-16	EP 0864064	2002-Dec-04	0864064	2017-Sep-08	
GB	1998-Jan-22	98900141.7	1999-Jan-13	EP 0890059	2004-Jun-23	0890059	2018-Jan-22	
GB	1998-Jul-14	98935809.8		EP 1021817	2013-Nov-20	1021817	2018-Jul-14	Yes
GB	1998-Jul-16	98929590.2	1999-Jul-21	EP 0929992	2003-Aug-06	0929992	2018-Jul-16	
GB	1998-Jul-16	98929597.7	1999-Jul-21	EP 0929993	2004-Oct-06	0929993	2018-Jul-16	
GB	1998-Jul-27	98932457.9	1999-Jul-21	EP 0929994	2003-Jul-02	0929994	2018-Jul-27	
GB	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28	
GB	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
GB	1998-Aug-26	98944539.0		EP 1016062	2002-Aug-07	1016062	2018-Aug-26	
GB	1998-Dec-17	98964035.4	1999-Jun-24	EP 1040398	2018-Feb-21	1040398	2018-Dec-17	
GB	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
GB	1999-Sep-03	99943116.6		EP 1110198	2003-Nov-05	1110198	2019-Sep-03	

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GB	1999-Sep-08	99969780.8	2000-Nov-02	EP 1047904	2013-Apr-24	1047904	2019-Sep-08	
GB	1999-Sep-13	99944640.4		EP 1047903	2007-Jun-27	1047903	2019-Sep-13	
GB	1999-Sep-17	99948820.8		EP 1046196	2008-Jan-16	1046196	2019-Sep-17	
GB	1999-Sep-24	99948955.2		EP 1048085	2007-Nov-14	1048085	2019-Sep-24	Yes
GB	1999-Nov-24	99957760.4		EP 1133657	2010-Oct-06	1133657	2019-Nov-24	
GB	1999-Dec-02	99962235.0	2000-Dec-06	EP 1056993	2003-Mar-26	1056993	2019-Dec-02	
GB	2000-Mar-10	00914124.3		EP 1082572	2007-Apr-18	1082572	2020-Mar-10	Yes
GB	2000-Apr-06	00926827.7	2001-Apr-04	EP 1088350	2011-Nov-23	1088350	2020-Apr-06	Yes
GB	2000-Jun-22	00947862.9		EP 1108180	2008-Jul-30	1108180	2020-Jun-22	Yes
GB	2000-Jul-14	05077467.8		EP 1624728	2009-May-06	1624728	2020-Jul-14	
GB	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	1224845	2020-Jul-14	
GB	2000-Jul-14	09160257.3		EP 2139299	2011-Mar-02	2139299	2020-Jul-14	
GB	2000-Jul-28	00948011.2	2001-Jul-25	EP 1118252	2003-Oct-01	1118252	2020-Jul-28	
GB	2000-Aug-07	00958400.4		EP 1125085	2007-Nov-21	1125085	2020-Aug-07	
GB	2000-Sep-15	00964189.5	2001-Oct-04	EP 1138177	2004-Dec-01	1138177	2020-Sep-15	
GB	2000-Oct-10	00972733.0	2001-Oct-10	EP 1142452	2004-Mar-10	1142452	2020-Oct-10	
GB	2000-Oct-12	00967866.5	2001-Oct-17	EP 1145602	2004-Mar-10	1145602	2020-Oct-12	
GB	2000-Oct-12	00972760.3	2001-Oct-31	EP 1149510	2003-Feb-12	1149510	2020-Oct-12	
GB	2000-Nov-17	15168713.4	2015-Nov-04	EP 2940732	2017-Jan-25	2940732		
GB	2000-Nov-17	00979608.7	2001-Nov-21	EP 1155455	2015-Aug-26	1155455	2020-Nov-17	
GB	2000-Nov-20	00980578.9	2002-Aug-28	EP 1234140	2005-Aug-10	1234140	2020-Nov-20	
GB	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
GB	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	1106914	2020-Dec-01	Yes
GB	2000-Dec-14	00981374.2		EP 1161754	2006-Sep-06	1161754	2020-Dec-14	Yes
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GB	2001-Jun-21	01948546.5	2003-Mar-26	EP 1295515	2011-Dec-28	1295515	2021-Jun-21	
GB	2001-Jun-21	10182095.9	2011-Sep-07	EP 2364067	2013-Dec-11	2364067	2021-Jun-21	
GB	2001-Aug-14	01203099.5		EP 1182396	2009-Oct-14	1182396	2021-Aug-14	
GB	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	1183964	2021-Aug-31	Yes
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GB	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
GB	2001-Nov-09	01990408.5		EP 1338181	2006-Apr-12	1338181	2021-Nov-09	
GB	2001-Dec-03	01989575.4		EP 1346609	2005-Aug-10	1346609	2021-Dec-03	
GB	2001-Dec-06	01271514.0		EP 1259754	2011-Mar-02	1259754	2021-Dec-06	Yes
GB	2001-Dec-12	01272187.4		EP 1348319	2005-Jun-08	1348319	2021-Dec-12	
GB	2001-Dec-20	01994819.9		EP 1399692	2008-Nov-05	1399692	2021-Dec-21	Yes
GB	2002-Jan-14	02075145.9	2002-Jul-31	EP 1227559	2011-Jul-27	1227559	2022-Jan-14	Yes
GB	2002-Mar-14	02703803.3		EP 1374642	2007-Aug-08	1374642	2022-Mar-14	
GB	2002-May-10	02734387.0	2004-Feb-11	EP 1388276	2011-Aug-10	1388276	2022-May-10	
GB	2002-May-30	02739485.7		EP 1393599	2010-May-05	1393599	2022-May-30	
GB	2002-Jun-07	02735758.1		EP 1399694	2006-Aug-09	1399694	2022-Jun-07	
GB	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	
GB	2002-Jul-23	02755430.2	2004-May-06	EP 1415345	2014-Apr-23	1415345	2022-Jul-23	
GB	2002-Aug-09	02755483.1	2004-May-26	EP 1421830	2011-Oct-12	1421830	2022-Aug-09	
GB	2002-Sep-17	02773430.0	2004-Jun-16	EP 1428415	2012-Jul-18	1428415	2022-Sep-17	
GB	2002-Sep-30	02800685.6		EP 1438877	2006-May-10	1438877	2022-Sep-30	
GB	2002-Nov-15	02781532.3		EP 1459599	2008-Feb-27	1459599	2022-Nov-15	
GB	2002-Nov-29	02785772.1		EP 1461982	2009-Sep-16	1461982	2022-Nov-29	
GB	2002-Dec-09	02788334.7	2004-Sep-29	EP 1461981	2017-Aug-30	1461981	2022-Dec-09	
GB	2002-Dec-18	02790614.8	2004-Sep-22	EP 1459280	2012-Feb-15	1459280	2022-Dec-18	
GB	2002-Dec-19	02796002.0	2004-Sep-22	EP 1459600	2014-Feb-26	1459600	2022-Dec-19	
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GB	2003-Feb-06	03700452.0		EP 1479270	2006-Jul-05	1479270	2023-Feb-06	
GB	2003-Jun-12	03735929.6		EP 1518445	2009-May-06	1518445	2023-Jun-12	
GB	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
GB	2003-Sep-03	03793997.2		EP 1537354	2009-Apr-29	1537354	2023-Sep-03	Yes
GB	2003-Nov-11	03758604.7		EP 1568255	2010-Mar-03	1568255	2023-Nov-11	
GB	2003-Dec-11	03813686.7	2005-Sep-28	EP 1579735	2016-Mar-09	1579735	2023-Dec-11	
GB	2003-Dec-11	03777081.5		EP 1576858	2008-Dec-03	1576858	2023-Dec-11	
GB	2003-Dec-12	03777092.2	2005-Sep-28	EP 1579732	2014-Jun-18	1579732	2023-Dec-12	
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GB	2004-Apr-21	04760087.9	2006-Feb-01	EP 1620843	2015-Sep-02	1620843	2024-Apr-21	
GB	2004-Apr-22	04728861.8		EP 1623602	2007-Mar-07	1623602	2024-Apr-22	
GB	2004-Apr-30	04730612.1		EP 1623604	2008-Apr-16	1623604	2024-Apr-30	
GB	2004-Sep-01	04769910.3	2006-Jun-07	EP 1665893	2016-Jul-06	1665893	2024-Sep-01	

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GB	2004-Nov-05	04799073.4	2006-Aug-02	EP 1685745	2013-May-01	1685745	2024-Nov-05	
GB	2004-Nov-22	04811765.9		EP 1687692	2010-Apr-28	1687692	2024-Nov-22	
GB	2004-Dec-12	0427744.8		GB 2421367	2008-Sep-03	2421367	2024-Dec-12	
GB	2004-Dec-13	12198393.6	2013-Mar-27	EP 2572932	2015-Apr-22	2572932	2024-Dec-13	
GB	2005-Mar-14	05725602.6	2006-Dec-13	EP 1731004	2017-May-17	1731004	2025-Mar-14	
GB	2005-Apr-27	05731773.7		EP 1752024	2009-Nov-18	1752024	2025-Apr-27	
GB	2005-May-02	05733786.7	2007-Jan-24	EP 1745681	2014-Nov-26	1745681	2025-May-02	
GB	2005-Jun-03	05748175.6		EP 1757169	2011-Apr-27	1757169	2025-Jun-03	
GB	2005-Jun-23	05751748.4		EP 1763650	2007-Dec-12	1763650	2025-Jun-23	
GB	2005-Jun-23	05759404.6	2007-Apr-25	EP 1776628	2011-Nov-30	1776628	2025-Jun-23	
GB	2005-Jun-28	05752840.8	2007-Mar-28	EP 1767065	2014-Jun-04	1767065	2025-Jun-28	
GB	2005-Jul-06	05761104.8	2007-Apr-04	EP 1769560	2016-Sep-07	1769560	2025-Jul-06	Yes
GB	2005-Jul-14	05763182.2	2007-Apr-11	EP 1772044	2012-Sep-12	1772044	2025-Jul-14	
GB	2005-Jul-18	05764023.7	2007-Apr-25	EP 1776844	2014-Jun-25	1776844	2025-Jul-18	
GB	2005-Aug-02	05772133.4	2007-May-09	EP 1782660	2011-Oct-12	1782660	2025-Aug-02	
GB	2005-Aug-02	05773348.7		EP 1776722	2008-Jan-09	1776722	2025-Aug-02	Yes
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GB	2005-Aug-18	05776896.2	2007-Jun-13	EP 1794811	2011-Jun-29	1794811	2025-Aug-18	
GB	2005-Sep-12	05782814.7	2007-Jun-13	EP 1794491	2011-Jun-29	1794491	2025-Sep-12	Yes
GB	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
GB	2005-Sep-20	05783948.2	2007-Jun-27	EP 1800204	2013-Apr-17	1800204	2025-Sep-20	
GB	2005-Oct-12	05791339.4	2007-Jun-27	EP 1800401	2012-Apr-04	1800401	2025-Oct-12	
GB	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
GB	2005-Nov-23	05810845.7	2007-Aug-29	EP 1825717	2014-Jan-08	1825717	2025-Nov-23	
GB	2005-Nov-24	05826628.9		EP 1820373	2011-Jan-26	1820373	2025-Nov-24	
GB	2005-Nov-28	05807221.6	2007-Aug-29	EP 1825515	2015-Nov-25	1825515	2025-Nov-28	Yes
GB	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
GB	2005-Dec-16	05820993.3	2007-Feb-22	EP 1922905	2012-Jul-04	1922905	2025-Dec-16	
GB	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
GB	2006-Apr-19	06727966.1	2006-Nov-02	EP 1878319	2011-Nov-02	1878319	2026-Apr-19	
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GB	2006-May-10	06744904.1		EP 1889112	2009-Jul-22	1889112	2026-May-10	
GB	2006-May-11	06744912.4	2008-Feb-20	EP 1889518	2011-Dec-14	1889518	2026-May-11	
GB	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
GB	2006-Jul-05	06766007.6	2008-Apr-02	EP 1905273	2012-Apr-18	1905273	2026-Jul-05	
GB	2006-Sep-15	06821092.1	2008-Jun-18	EP 1932178	2012-Feb-08	1932178	2026-Sep-15	Yes
GB	2006-Sep-25	06821145.7	2008-Jun-18	EP 1932394	2016-Apr-27	1932394	2026-Sep-25	
GB	2006-Oct-02	06809462.2	2008-Jun-25	EP 1935085	2012-Mar-28	1935085	2026-Oct-02	
GB	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
GB	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
GB	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
GB	2006-Nov-07	06821351.1		EP 1948995	2010-Apr-28	1948995	2026-Nov-07	
GB	2006-Nov-20	06821499.8		EP 1954975	2012-Jan-11	1954975	2026-Nov-20	
GB	2006-Dec-06	06832117.3	2008-Sep-03	EP 1964451	2011-Jul-06	1964451	2026-Dec-06	
GB	2006-Dec-11	06832203.1		EP 1963735	2010-Sep-29	1963735	2026-Dec-11	
GB	2006-Dec-12	06842457.1	2008-Sep-03	EP 1964449	2014-Jul-23	1964449	2026-Dec-12	Yes
GB	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
GB	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	
GB	2007-Jan-03	07716200.6	2008-Sep-24	EP 1972183	2015-Mar-18	1972183	2027-Jan-03	
GB	2007-Mar-02	07735026.2	2008-Nov-26	EP 1994635	2012-Jun-27	1994635	2027-Mar-02	
GB	2007-Mar-08	07710709.2	2008-Dec-03	EP 1996857	2016-May-25	1996857	2027-Mar-08	
GB	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
GB	2007-May-02	07735739.0	2009-Jan-28	EP 2018795	2016-Dec-14	2018795	2027-May-02	
GB	2007-May-31	15177099.7	2016-Apr-27	EP 3013124	2017-Jul-12	3013124		Yes
GB	2007-May-31	07736055.0	2009-Mar-04	EP 2030483	2015-Oct-21	2030483	2027-May-31	Yes
GB	2007-Jun-19	07789721.3	2009-Mar-25	EP 2039069	2017-Apr-05	2039069	2027-Jun-19	
GB	2007-Jun-20	07789748.6	2009-Mar-25	EP 2039227			2027-Jun-20	
GB	2007-Jun-21	07825830.8		EP 2036406	2011-Apr-06	2036406	2027-Jun-21	
GB	2007-Jul-03	07825879.5	2009-Apr-01	EP 2042003	2012-Oct-24	2042003	2027-Jul-03	
GB	2007-Jul-05	07825886.0		EP 2052181	2010-Mar-31	2052181	2027-Jul-05	
GB	2007-Aug-09	07836669.7	2009-Nov-18	EP 2119318	2013-Oct-16	2119318	2027-Aug-09	
GB	2007-Aug-17	07800472.8	2009-May-06	EP 2054662	2014-Oct-08	2054662	2027-Aug-17	
GB	2007-Aug-22	07800465.2	2009-May-13	EP 2057867	2016-Nov-09	2057867	2027-Aug-22	
GB	2007-Sep-18	07826420.7		EP 2074658	2010-Mar-24	2074658	2027-Sep-18	
GB	2007-Sep-20	07815866.4	2009-Jun-10	EP 2067381	2016-Sep-14	2067381	2027-Sep-20	
GB	2007-Sep-20	07826476.9		EP 2074866	2011-Mar-02	2074866	2027-Sep-20	
GB	2007-Sep-20	07826475.1	2009-Jul-15	EP 2078446	2013-Apr-10	2078446	2027-Sep-20	

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GB	2007-Oct-12	07826733.3	2009-Jul-29	EP 2082167	2017-Feb-22	2082167	2027-Oct-12	Yes
GB	2007-Oct-19	07861452.6	2009-Aug-12	EP 2087776	2014-Dec-10	2087776	2027-Oct-19	
GB	2007-Oct-31	07816094.2	2009-Aug-12	EP 2087772	2017-Sep-06	2087772	2027-Oct-31	
GB	2007-Nov-06	07826984.2		EP 2082620	2010-Jul-28	2082620	2027-Nov-06	
GB	2007-Nov-08	07827030.3		EP 2084945	2010-Mar-31	2084945A	2027-Nov-08	Yes
GB	2007-Nov-09	07840007.4		EP 2082621	2010-Jul-14	2082621	2027-Nov-09	
GB	2007-Nov-27	07862228.9		EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
GB	2007-Nov-27	07849266.7	2009-Aug-26	EP 2092669	2013-Jun-26	2092669	2027-Nov-27	
GB	2007-Dec-04	07849329.3		EP 2103189	2011-Apr-06	2103189	2027-Dec-04	
GB	2007-Dec-05	07849344.2	2009-Sep-23	EP 2103188	2012-Aug-01	2103188	2027-Dec-05	
GB	2007-Dec-07	07849372.3	2009-Sep-23	EP 2103190	2012-Oct-17	2103190	2027-Dec-07	
GB	2007-Dec-11	07855501.8	2009-Aug-26	EP 2092797	2012-Nov-21	2092797	2027-Dec-11	
GB	2008-Mar-19	08719767.9		EP 2126463	2010-Oct-27	2126463	2028-Mar-19	
GB	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	2143303	2028-Mar-31	
GB	2008-Apr-04	08737714.9		EP 2135005	2010-Oct-06	2135005	2028-Apr-04	
GB	2008-Apr-11	08737808.9	2010-Jan-06	EP 2140502	2017-Apr-05	2140502	2028-Apr-11	Yes
GB	2008-Apr-15	08737850.1	2010-Jan-06	EP 2140733	2013-Jun-19	2140733	2028-Apr-15	
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GB	2008-Aug-14	08789608.0		EP 2181565	2011-Apr-27	2181565	2028-Aug-14	
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GB	2008-Nov-24	08855505.7	2010-Aug-18	EP 2218308	2013-Jun-19	2218308	2028-Nov-24	
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GB	2009-Sep-04	09787096.8	2011-Jun-01	EP 2326869	2016-Jun-29	2326869	2029-Sep-04	Yes
GB	2009-Oct-02	09787352.5	2011-Jul-20	EP 2345307	2013-Dec-11	2345307	2029-Oct-02	Yes
GB	2009-Nov-12	09760323.7	2011-Aug-24	EP 2359052	2016-Feb-10	2359052	2029-Nov-12	Yes
GB	2009-Nov-27	09775293.5	2011-Oct-19	EP 2377371	2016-Apr-20	2377371	2029-Nov-27	Yes
GB	2009-Nov-30	09774962.6	2011-Nov-16	EP 2386044	2015-Jul-29	2386044	2029-Nov-30	
GB	2010-Jan-04	10702737.7	2011-Nov-16	EP 2386045	2015-Jun-17	2386045	2030-Jan-04	
GB	2010-Jan-05	10702908.4	2011-Nov-16	EP 2386043	2016-Apr-13	2386043	2030-Jan-05	
GB	2010-Mar-15	10712534.6	2012-Feb-01	EP 2412209	2018-Feb-21	2412209	2030-Mar-15	Yes
GB	2010-Mar-30	10713725.9	2012-Feb-08	EP 2414876	2017-Aug-23	2414876	2030-Mar-30	Yes
GB	2010-Apr-01	13165685.2	2013-Aug-21	EP 2629491	2014-Sep-17	2629491	2030-Apr-01	Yes
GB	2010-Apr-01	10715358.7	2012-Feb-29	EP 2422507	2013-Jun-19	2422507	2030-Apr-01	Yes
GB	2010-May-21	10726288.3	2012-Apr-04	EP 2435753	2013-May-15	2435753	2030-May-21	Yes
GB	2010-May-21	13165765.2	2013-Aug-07	EP 2623846	2016-Jul-20	2623846	2030-May-21	Yes
GB	2010-May-26	10727919.2	2012-Apr-04	EP 2435754	2016-Apr-27	2435754	2030-May-26	Yes
GB	2010-Jun-04	10728329.3	2012-Apr-11	EP 2438647	2013-Oct-16	2438647	2030-Jun-04	Yes
GB	2010-Jun-09	10728345.9	2012-Apr-25	EP 2443624	2014-Jan-08	2443624	2030-Jun-09	Yes
GB	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
GB	2010-Jun-14	10732438.6	2012-Apr-25	EP 2443380	2014-Sep-10	2443380	2030-Jun-14	Yes
GB	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	2457415	2030-Jul-14	
GB	2010-Jul-19	10740379.2	2012-May-30	EP 2457418	2013-Jan-16	2457418	2030-Jul-19	Yes
GB	2010-Jul-27	10745008.2	2012-Jun-06	EP 2460389	2013-May-01	2460389	2030-Jul-27	Yes
GB	2010-Aug-18	10760766.5	2012-Jul-04	EP 2471344	2013-Aug-07	2471344	2030-Aug-18	Yes
GB	2010-Sep-01	10757276.0	2012-Jul-11	EP 2474201	2017-Jun-28	2474201	2030-Sep-01	Yes
GB	2010-Sep-07	10760057.9	2012-Jul-25	EP 2478743	2014-Jun-11	2478743	2030-Sep-07	Yes
GB	2010-Sep-09	10763438.8	2012-Aug-01	EP 2481266	2014-Jun-04	2481266	2030-Sep-09	Yes
GB	2010-Sep-09	10760066.0	2012-Aug-08	EP 2480829	2014-Apr-16	2480829	2030-Sep-09	Yes
GB	2010-Sep-29	10765686.0	2012-Aug-15	EP 2486605	2017-Sep-13	2486605	2030-Sep-29	Yes
GB	2010-Oct-29	10782402.1	2012-Sep-12	EP 2497339	2017-Sep-20	2497339	2030-Oct-29	Yes

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
GB	2011-Mar-11	11714109.3	2013-Jan-30	EP 2550843	2018-Jan-24	2550843	2031-Mar-11	Yes
GB	2011-Apr-01	11719657.6	2013-Feb-13	EP 2556294	2015-Mar-25	2556294	2031-Apr-01	
GB	2011-Apr-27	11721826.3	2013-Mar-20	EP 2569576	2016-Jul-06	2569576	2031-Apr-27	Yes
GB	2011-Jun-16	11754735.6	2013-Apr-24	EP 2583536	2015-Feb-11	2583536	2031-Jun-16	Yes
GB	2011-Jun-24	11738309.1	2013-May-29	EP 2596554	2014-Oct-29	2596554	2031-Jun-24	Yes
GB	2011-Jun-30	11738821.5	2013-May-15	EP 2591275	2017-Mar-01	2591275	2031-Jun-30	Yes
GB	2011-Aug-05	11754507.9	2013-Jul-10	EP 2612463	2014-Apr-16	2612463	2031-Aug-05	Yes
GB	2011-Aug-11	11754522.8	2013-Jun-26	EP 2606274			2031-Aug-11	Yes
GB	2011-Nov-15	11799321.2	2013-Oct-02	EP 2644006			2031-Nov-15	Yes
GB	2012-Jan-11	12703883.4	2013-Nov-20	EP 2663806	2018-Jan-03	2663806	2031-Jan-14	Yes
GB	2012-Apr-02	12716291.5	2014-Feb-12	EP 2694867	2016-Aug-31	2694867	2032-Dec-02	
GB	2012-May-14	12724737.7	2014-Mar-26	EP 2710860	2016-Nov-30	2710860	2032-May-14	Yes
GB	2012-Oct-17	12781169.3	2014-Jul-02	EP 2749128	2015-Jan-28	2749128	2032-Oct-17	Yes
GB	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
GB	2012-Oct-19	12808477.9	2014-Jun-25	EP 2745626	2017-May-10	2745626	2032-Oct-19	Yes
GB	2012-Oct-29	12812346.0	2014-Jul-09	EP 2752090	2018-Jan-03	2752090	2032-Oct-29	Yes
GB	2013-Jan-02	13703876.6	2014-Nov-12	EP 2801240	2016-Apr-06	2801240	2033-Jan-02	Yes
GB	2013-Jan-02	13703878.2	2014-Aug-06	EP 2761978	2016-Apr-06	2761978	2033-Jan-02	Yes
GB	2013-Jan-10	13705570.3	2014-Nov-19	EP 2802805	2017-Oct-18	2802805	2033-Jan-10	Yes
GB	2013-Jan-15	13707438.1	2014-Dec-10	EP 2810531	2015-Sep-02	2810531	2033-Jan-15	Yes
GB	2013-Jan-25	13709554.3	2014-Dec-10	EP 2810533	2015-Aug-05	EP2810533	2033-Jan-25	Yes
GB	2013-Feb-08	13713975.4	2014-Oct-08	EP 2786640	2015-Jul-22	2786640	2033-Feb-08	Yes
GB	2013-Feb-22	13717318.3	2014-Dec-31	EP 2818028	2017-Apr-12	2818028	2033-Feb-22	Yes
GB	2013-Mar-07	13720567.0	2015-Feb-04	EP 2832183	2016-May-18	2832183		Yes
GB	2013-Mar-08	13721393.0	2015-Jan-28	EP 2829158	2016-May-18	2829158		Yes
GB	2013-Mar-20	13721401.1	2015-Feb-04	EP 2832184	2016-Jan-13	2832184		Yes
GB	2013-Apr-16	13726598.9	2015-Feb-25	EP 2839204	2016-Dec-14	2839204		Yes
GB	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	2856490		Yes
GB	2013-Sep-17	13799377.0	2015-Jul-29	EP 2898265	2016-Dec-07	2898265		Yes
GB	2013-Dec-02	13805599.1	2015-Oct-21	EP 2932797	2017-Oct-04	2932797		Yes
GB	2014-Mar-05	14709902.2	2016-Jan-27	EP 2976567	2017-May-10	2976567		Yes
GB	2014-Mar-12	14713924.0	2016-Feb-03	EP	2017-Feb-22	2979023		Yes
GB	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
GB	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541		Yes
GB	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543		Yes
GB	2014-Aug-27	14756047.8	2016-Jul-06	EP 3039946	2017-May-31	3039946		Yes
GB	2014-Dec-23	14819015.0	2015-Oct-28	EP 2935980	2016-Jun-15	2935980		Yes
GB	2015-Jan-27	15702426.6	2016-Dec-21	EP				Yes
GB	2015-Feb-03	EP15702484.5	2016-Sep-28	EP 3071881	2017-Aug-23	3071881		Yes
GB	2016-Apr-20	16721678.7	2017-Dec-27	EP 3259959				Yes
GR	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
HK	1998-Aug-26	02107347.3	2002-Dec-20	1046056-A			2018-Aug-26	
HK	1998-Aug-26	00104718.3	2000-Nov-10	1025416	2002-Nov-01	1025416	2018-Aug-26	
HK	1998-Dec-17	00106717.9	2001-Jan-19	1027637			2018-Dec-17	
HK	2001-Apr-24	08106879.5	2012-Jul-27	1112153-B	2012-Jul-27	1112153	2021-Apr-24	
HK	2001-Jun-21	03106910.1	2003-Dec-12	1054839A	2012-Oct-05	1054839B	2021-Jun-21	
HK	2004-Apr-21	06108506.4	2006-Nov-03	1088431	2016-Aug-19	1088431B	2024-Apr-21	
HK	2004-Apr-21	16109278.6	2017-May-26	HK 1221277				
HK	2005-Mar-14	07101947.5	2007-May-04	1095474			2025-Mar-14	
HK	2005-Jun-23	08101283.6	2014-Jun-20	1110661B	2014-Jun-20	08101283.6	2025-Jun-23	
HK	2005-Oct-12	08104443.7	2012-Aug-31	1114958-B	2012-Aug-31	1114958	2025-Oct-12	
HK	2005-Dec-02	08102545.8			2012-Aug-10	HK1111856	2028-Mar-05	
HU	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	E007648	2023-Aug-28	
HU	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667		
HU	2006-May-24	06765708.0			2009-Mar-18	E005833	2026-May-24	
HU	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
ID	2014-Jul-09	P-00 2016 00485						Yes
IE	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28	
IE	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
IE	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
IE	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
IE	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
IE	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
IE	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667		
IE	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
IE	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
IN	1999-Sep-17	IN/PCT/00/00088			2007-Oct-08	210549	2019-Sep-17	
IN	2000-Jun-22	IN/PCT/01/00256			2007-Nov-13	211993	2020-Jun-22	Yes

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IN	2005-Jun-23	1611/MUMNP/2006					2025-Jun-23	
IN	2005-Oct-12	683/MUMNP/2007					2025-Oct-12	
IN	2005-Dec-02	2338/KOLNP/2007			2015-Nov-30	270149	2025-Dec-02	
IN	2005-Dec-16	413/MUMNP/2008					2025-Dec-16	
IN	2006-May-11	5409/CHENP/2007			2016-Mar-11	271955	2026-May-11	
IN	2006-May-24	5411/CHENP/2007			2015-Jun-16	266914	2026-May-24	
IN	2006-Sep-15	1527/CHENP/2008			2016-May-31	273359	2026-Sep-15	Yes
IN	2006-Sep-25	1494/CHENP/2008					2026-Sep-25	
IN	2006-Nov-13	2472/CHENP/2008			2016-Dec-16	278219	2026-Nov-13	
IN	2006-Nov-20	2527/CHENP/2008			2017-Jan-20	279420	2026-Nov-20	
IN	2006-Dec-12	2959/CHENP/2008			2016-Nov-09	277063	2026-Dec-12	Yes
IN	2006-Dec-20	1233/MUMNP/2008			2016-Nov-30	277811	2026-Dec-20	
IN	2007-Jan-26	4002/CHENP/2008			2016-Oct-19	276394	2027-Jan-26	
IN	2007-Mar-02	4704/CHENP/2008			2016-Oct-21	276461	2027-Mar-02	
IN	2007-Apr-20	5937/CHENP/2008			2016-Aug-05	274743	2027-Apr-20	
IN	2007-Jun-19	6765/CHENP/2008					2027-Jun-19	
IN	2007-Jul-03	126/CHENP/2009			2017-Dec-22	290983	2027-Jul-03	
IN	2007-Aug-09	4602/CHENP/2009					2027-Aug-09	
IN	2007-Aug-17	882/CHENP/2009					2027-Aug-17	
IN	2007-Aug-22	974/CHENP/2009					2027-Aug-22	
IN	2007-Sep-18	2289/CHENP/2009					2027-Sep-18	
IN	2007-Sep-20	2045/CHENP/2009					2027-Sep-20	
IN	2007-Sep-20	2426/CHENP/2009					2027-Sep-20	
IN	2007-Sep-20	2431/CHENP/2009					2027-Sep-20	
IN	2007-Oct-11	2645/CHENP/2009			2017-Oct-09	288178	2027-Oct-11	
IN	2007-Oct-12	2642/CHENO/2009			2018-Jan-18	291839	2027-Oct-12	Yes
IN	2007-Oct-19	2701/CHENP/2009			2017-Jul-11	285046	2027-Oct-19	
IN	2007-Oct-31	3012/CHENP/2009			2017-Oct-19	288532	2027-Oct-31	
IN	2007-Nov-08	3282/CHENP/2009			2017-Oct-24	288605	2027-Nov-08	Yes
IN	2007-Nov-09	3217/CHENP/2009					2027-Nov-09	
IN	2007-Nov-27	3697/CHENP/2009					2027-Nov-27	
IN	2007-Nov-27	3470/CHENP/2009			2017-Nov-08	289384	2027-Nov-27	
IN	2007-Dec-07	3934/CHENP/2009					2027-Dec-07	
IN	2007-Dec-11	4032/CHENP/2009					2027-Dec-11	
IN	2007-Dec-11	4031/CHENP/2009			2017-Dec-05	290267	2027-Dec-11	
IN	2007-Dec-17	4206/CHENP/2009					2027-Dec-17	Yes
IN	2008-Mar-19	6076/CHENP/2009					2028-Mar-19	
IN	2008-Mar-31	6310/CHENP/2009			2017-Jul-31	285915	2028-Mar-31	
IN	2008-Apr-11	6602/CHENP/2009					2028-Apr-11	Yes
IN	2008-Apr-23	6827/CHENP/2009			2018-Jan-10	291584	2028-Apr-23	
IN	2008-May-01	6974/CHENP/2009			2017-Nov-02	289132	2028-May-01	
IN	2008-May-02	7333/CHENP/2009					2028-May-02	
IN	2008-May-02	7026/CHENP/2009			2017-Oct-17	288489	2028-May-02	
IN	2008-Sep-16	2280/CHENP/2010					2028-Sep-16	Yes
IN	2008-Oct-08	2584/CHENP/2010					2028-Oct-08	
IN	2008-Dec-02	4134/CHENP/2010					2028-Dec-02	
IN	2008-Dec-02	4135/CHENP/2010					2028-Dec-02	
IN	2008-Dec-22	4501/CHENP/2010					2028-Dec-22	
IN	2008-Dec-29	4633/CHENP/2010					2028-Dec-29	
IN	2009-Apr-03	6994/CHENP/2010	2011-Jul-22	6994/CHENP/2010			2029-Apr-03	
IN	2009-May-20	8111/CHENP/2010					2029-May-20	Yes
IN	2009-Jun-12	177/CHENP/2011					2029-Jun-12	Yes
IN	2009-Jul-10	800/CHENP/2011					2029-Jul-10	Yes
IN	2009-Jul-22	1260/CHENP/2011					2029-Jul-22	
IN	2009-Nov-12	4162/CHENP/2011					2029-Nov-12	Yes
IN	2009-Nov-27	4708/CHENP/2011					2029-Nov-27	Yes
IN	2009-Nov-30	5643/CHENP/2011					2029-Nov-30	
IN	2010-Jan-04	5641/CHENP/2011					2030-Jan-04	
IN	2010-Jan-05	5642/CHENP/2011					2030-Jan-05	
IN	2010-Mar-15	7601/CHENP/2011					2030-Mar-15	Yes
IN	2010-Mar-30	7929/CHENP/2011					2030-Mar-30	Yes
IN	2010-Apr-01	8340/CHENP/2011					2030-Apr-01	Yes
IN	2010-Apr-23	8629/CHENP/2011					2030-Apr-23	Yes
IN	2010-May-05	9452/CHENP/2011					2030-May-05	Yes
IN	2010-May-21	9567/CHENP/2011					2030-May-21	Yes
IN	2010-May-26	9568/CHENP/2011					2030-May-26	Yes
IN	2010-Jun-09	272/CHENP/2012					2030-Jun-09	Yes
IN	2010-Jun-11	277/CHENP/2012					2030-Jun-11	Yes

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
IN	2010-Jun-14	298/CHENP/2012					2030-Jun-14	Yes
IN	2010-Jul-14	975/CHENP/2012					2030-Jul-14	
IN	2010-Aug-18	1526/CHENP/2012					2030-Aug-18	Yes
IN	2010-Aug-30	1590/CHENP/2012					2030-Aug-30	Yes
IN	2010-Sep-01	1713/CHENP/2012					2030-Sep-01	Yes
IN	2010-Sep-07	2429/CHENP/2012					2030-Sep-07	Yes
IN	2010-Sep-09	2155/CHENP/2012					2030-Sep-09	Yes
IN	2010-Sep-09	2157/CHENP/2012					2030-Sep-09	Yes
IN	2010-Sep-29	2777/CHENP/2012					2030-Sep-29	Yes
IN	2010-Oct-07	3894/CHENP/2012	2014-Feb-14	3894/CHENP/2012-A			2030-Oct-07	
IN	2010-Oct-29	3461/CHENP/2012					2030-Oct-29	Yes
IN	2010-Nov-22	5138/CHENP/2012					2030-Nov-22	Yes
IN	2011-Feb-28	7115/CHENP/2012					2031-Feb-28	Yes
IN	2011-Mar-11	7755/CHENP/2012					2031-Mar-11	Yes
IN	2011-Apr-01	8057/CHENP/2012					2031-Apr-01	
IN	2011-Apr-27	8526/CHENP/2012					2031-Apr-27	Yes
IN	2011-Jun-24	1048/CHENP/2013	2016-Aug-31	1048/CHENP/2013-A			2031-Jun-24	Yes
IN	2011-Jun-30	350/CHENP/2013	2016-May-20	350/CHENP/2013-A			2031-Jun-30	Yes
IN	2011-Aug-05	1745/CHENP/2013	2016-Aug-31	1745/CHENP/2013-A			2031-Aug-05	Yes
IN	2011-Aug-11	1305/CHENP/2013					2031-Aug-11	Yes
IN	2011-Nov-15	3715/CHENP/2013					2031-Nov-15	Yes
IN	2012-Jan-11	6499/CHENP/2013					2032-Jan-11	Yes
IN	2012-Mar-16	8351/CHENP/2013					2032-Mar-16	Yes
IN	2012-Mar-22	8350/CHENP/2013					2032-Mar-22	Yes
IN	2012-Mar-27	8352/CHENP/2013					2032-Mar-27	Yes
IN	2012-Apr-02	8224/CHENP/2013	2014-Dec-12	8224/CHENP/2013 A			2032-Apr-02	
IN	2012-May-14	9366/CHENP/2013					2032-May-14	Yes
IN	2012-Oct-05	2303/CHENP/2014					2032-Oct-05	Yes
IN	2012-Oct-17	2654/CHENP/2014					2032-Oct-17	Yes
IN	2012-Oct-19	3663/CHENP/2014					2032-Oct-19	Yes
IN	2012-Oct-19	2538/CHENP/2014					2032-Oct-19	Yes
IN	2012-Oct-29	3404/CHENP/2014					2032-Oct-29	Yes
IN	2012-Dec-11	4755/CHENP/2014					2032-Dec-11	Yes
IN	2013-Jan-02	2647/CHENP/2014					2033-Jan-02	Yes
IN	2013-Jan-02	5395/CHENP/2014					2033-Jan-02	Yes
IN	2013-Jan-10	5544/CHENP/2014					2033-Jan-10	Yes
IN	2013-Jan-15	6040/CHENP/2014	2016-Jul-01	6040/CHENP/2014 A			2033-Jan-15	Yes
IN	2013-Jan-18	5980/CHENP/2014	2016-Jul-01	5980/CHENP/2014-A			2033-Jan-18	Yes
IN	2013-Jan-25	5984/CHENP/2014	2016-Jul-01	5984/CHENP/2014 A			2033-Jan-25	Yes
IN	2013-Jan-25	6044/CHENP/2014	2016-Jul-01	6044/CHENP/2014 A			2033-Jan-25	Yes
IN	2013-Feb-08	6256/CHENP/2014	2016-Jul-01	6256/CHENP/2014 A			2033-Feb-08	Yes
IN	2013-Feb-22	6342/CHENP/2014	2016-Jul-01	6342/CHENP/2014 A			2033-Feb-22	Yes
IN	2013-Mar-07	7177/CHENP/2014	2016-Jul-01	7177/CHENP/2014-A				Yes
IN	2013-Mar-08	7073/CHENP/2014	2016-Jul-01	7073/CHENP/2014-A				Yes
IN	2013-Mar-20	7270/CHENP/2014	2016-Jul-01	7270/CHENP/2014 A				Yes
IN	2013-Apr-02	7646/CHENP/2014	2016-Jul-01	7646/CHENP/2014 A				Yes
IN	2013-Apr-26	8358/CHENP/2014	2016-Jul-01	8358/CHENP/2014 A				Yes
IN	2013-May-22	9058/CHENP/2014	2016-Jul-01	9058/CHENP/2014 A				Yes
IN	2013-Jul-10	669/CHENP/2015	2016-Jul-01	669/CHENP/2015 A				Yes
IN	2013-Sep-17	1936/CHENP/2015						Yes
IN	2013-Sep-24	2223/CHENP/2015						Yes
IN	2013-Dec-02	3977/CHENP/2015						Yes
IN	2014-Mar-05	5991/CHENP/2015						Yes
IN	2014-Mar-12	6604/CHENP/2015						Yes
IN	2014-Apr-02	6862/CHENP/2015	2016-Aug-31	6862/CHENP/2015-A				Yes
IN	2014-Jun-04	7943/CHENP/2015						Yes
IN	2014-Jul-09	201647002051						Yes
IN	2014-Jul-23	201647002050						Yes
IN	2014-Aug-27	8094/CHENP/2015						Yes
IN	2014-Oct-14	201647016574	2016-Aug-31	201647016574-A				Yes
IN	2014-Nov-12	201647020701	2016-Aug-31	201647020701-A				Yes
IN	2014-Dec-23	4680/CHENP/2015						Yes
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IN	2015-Feb-03	201647019512	2016-Aug-31	201647019512-A				Yes
IN	2015-Mar-13	201647034647	2016-Nov-25	201647034647-A				Yes
IN	2015-Jun-19	201747002892	2017-May-26	201747002892 A				Yes
IN	2015-Jun-24	201747003833	2017-Jun-02	IN 201747003833				Yes
IN	2015-Sep-25	201747015844						Yes

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
IN	2015-Nov-03	201747019231						Yes
IN	2016-Apr-04	201747038993	2017-Dec-15	IN 201747038993				Yes
IN	2016-Apr-20	201747034432	2017-Oct-06	IN 201747034432				Yes
IT	1998-Jan-22	98900141.7	1999-Jan-13	EP 0890059	2004-Jun-23	0890059	2018-Jan-22	
IT	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28	
IT	1998-Aug-26	98944539.0		EP 1016062	2002-Aug-07	1016062	2018-Aug-26	
IT	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
IT	1998-Dec-17	98964035.4	1999-Jun-24	EP 1040398	2018-Feb-21	1040398	2018-Dec-17	
IT	1999-Sep-03	99943116.6		EP 1110198	2003-Nov-05	1110198	2019-Sep-03	
IT	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
IT	1999-Sep-08	99969780.8	2000-Nov-02	EP 1047904	2013-Apr-24	1047904	2019-Sep-08	
IT	1999-Sep-13	99944640.4		EP 1047903	2007-Jun-27	1047903	2019-Sep-13	
IT	1999-Sep-17	99948820.8		EP 1046196	2008-Jan-16	1046196	2019-Sep-17	
IT	2000-Apr-06	00926827.7	2001-Apr-04	EP 1088350	2011-Nov-23	1088350	2020-Apr-06	Yes
IT	2000-Jun-22	00947862.9		EP 1108180	2008-Jul-30	1108180	2020-Jun-22	Yes
IT	2000-Jul-14	05077467.8		EP 1624728	2009-May-06	1624728	2020-Jul-14	
IT	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	1224845	2020-Jul-14	
IT	2000-Jul-14	09160257.3		EP 2139299	2011-Mar-02	2139299	2020-Jul-14	
IT	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
IT	2000-Nov-20	00980578.9	2002-Aug-28	EP 1234140	2005-Aug-10	1234140	2020-Nov-20	
IT	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
IT	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
IT	2001-Jun-21	01948546.5	2003-Mar-26	EP 1295515	2011-Dec-28	1295515	2021-Jun-21	
IT	2001-Jun-21	10182095.9	2011-Sep-07	EP 2364067	2013-Dec-11	2364067	2021-Jun-21	
IT	2001-Aug-14	01203099.5		EP 1182396	2009-Oct-14	1182396	2021-Aug-14	
IT	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	1183964	2021-Aug-31	Yes
IT	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
IT	2001-Dec-20	01994819.9		EP 1399692	2008-Nov-05	1399692	2021-Dec-21	Yes
IT	2002-Jan-14	02075145.9	2002-Jul-31	EP 1227559	2011-Jul-27	1227559	2022-Jan-14	Yes
IT	2002-May-10	02734387.0	2004-Feb-11	EP 1388276	2011-Aug-10	1388276	2022-May-10	
IT	2002-May-30	02739485.7		EP 1393599	2010-May-05	1393599	2022-May-30	
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IT	2002-Jul-23	02755430.2	2004-May-06	EP 1415345	2014-Apr-23	1415345	2022-Jul-23	
IT	2002-Sep-17	02773430.0	2004-Jun-16	EP 1428415	2012-Jul-18	1428415	2022-Sep-17	
IT	2002-Dec-19	02796002.0	2004-Sep-22	EP 1459600	2014-Feb-26	1459600	2022-Dec-19	
IT	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
IT	2003-Nov-11	03758604.7		EP 1568255	2010-Mar-03	1568255	2023-Nov-11	
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IT	2003-Dec-11	03777081.5		EP 1576858	2008-Dec-03	1576858	2023-Dec-11	
IT	2004-Apr-21	04760087.9	2006-Feb-01	EP 1620843	2015-Sep-02	1620843	2024-Apr-21	
IT	2004-Sep-21	04770043.0	2006-Jun-14	EP 1668622	2017-Apr-26	1668622	2024-Sep-21	
IT	2004-Nov-22	04811765.9		EP 1687692	2010-Apr-28	1687692	2024-Nov-22	
IT	2005-Jun-23	05759404.6	2007-Apr-25	EP 1776628	2011-Nov-30	1776628	2025-Jun-23	
IT	2005-Jun-28	05752840.8	2007-Mar-28	EP 1767065	2014-Jun-04	1767065	2025-Jun-28	
IT	2005-Jul-06	05761104.8	2007-Apr-04	EP 1769560	2016-Sep-07	1769560	2025-Jul-06	Yes
IT	2005-Jul-14	05763182.2	2007-Apr-11	EP 1772044	2012-Sep-12	1772044	2025-Jul-14	
IT	2005-Aug-02	05772133.4	2007-May-09	EP 1782660	2011-Oct-12	1782660	2025-Aug-02	
IT	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
IT	2005-Oct-12	05791339.4	2007-Jun-27	EP 1800401	2012-Apr-04	1800401	2025-Oct-12	
IT	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
IT	2005-Nov-23	05810845.7	2007-Aug-29	EP 1825717	2014-Jan-08	1825717	2025-Nov-23	
IT	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
IT	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
IT	2006-Apr-19	06727966.1	2006-Nov-02	EP 1878319	2011-Nov-02	1878319	2026-Apr-19	
IT	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
IT	2006-May-11	06744912.4	2008-Feb-20	EP 1889518	2011-Dec-14	1889518	2026-May-11	
IT	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
IT	2006-Jul-05	06766007.6	2008-Apr-02	EP 1905273	2012-Apr-18	1905273	2026-Jul-05	
IT	2006-Sep-15	06821092.1	2008-Jun-18	EP 1932178	2012-Feb-08	1932178	2026-Sep-15	Yes
IT	2006-Oct-02	06809462.2	2008-Jun-25	EP 1935085	2012-Mar-28	1935085	2026-Oct-02	
IT	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
IT	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
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IT	2006-Nov-20	06821499.8		EP 1954975	2012-Jan-11	1954975	2026-Nov-20	
IT	2006-Dec-11	06832203.1		EP 1963735	2010-Sep-29	1963735	2026-Dec-11	
IT	2006-Dec-12	06842457.1	2008-Sep-03	EP 1964449	2014-Jul-23	1964449	2026-Dec-12	Yes
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IT	2007-Jan-03	07716200.6	2008-Sep-24	EP 1972183	2015-Mar-18	1972183	2027-Jan-03	
IT	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
IT	2007-May-02	07735739.0	2009-Jan-28	EP 2018795	2016-Dec-14	2018795	2027-May-02	
IT	2007-May-31	07736055.0	2009-Mar-04	EP 2030483	2015-Oct-21	2030483	2027-May-31	Yes
IT	2007-May-31	15177099.7	2016-Apr-27	EP 3013124	2017-Jul-12	3013124		Yes
IT	2007-Jun-19	07789721.3	2009-Mar-25	EP 2039069	2017-Apr-05	2039069	2027-Jun-19	
IT	2007-Jun-20	07789748.6	2009-Mar-25	EP 2039227			2027-Jun-20	
IT	2007-Jul-05	07825886.0		EP 2052181	2010-Mar-31	2052181	2027-Jul-05	
IT	2007-Aug-09	07836669.7	2009-Nov-18	EP 2119318	2013-Oct-16	2119318	2027-Aug-09	
IT	2007-Sep-20	07826476.9		EP 2074866	2011-Mar-02	2074866	2027-Sep-20	
IT	2007-Oct-12	07826733.3	2009-Jul-29	EP 2082167	2017-Feb-22	2082167	2027-Oct-12	Yes
IT	2007-Oct-19	07861452.6	2009-Aug-12	EP 2087776	2014-Dec-10	2087776	2027-Oct-19	
IT	2007-Oct-31	07816094.2	2009-Aug-12	EP 2087772	2017-Sep-06	2087772	2027-Oct-31	
IT	2007-Nov-06	07826984.2		EP 2082620	2010-Jul-28	2082620	2027-Nov-06	
IT	2007-Nov-08	07827030.3		EP 2084945	2010-Mar-31	2084945A	2027-Nov-08	Yes
IT	2007-Nov-09	07840007.4		EP 2082621	2010-Jul-14	2082621	2027-Nov-09	
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IT	2007-Nov-27	07862228.9		EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
IT	2007-Dec-07	07849372.3	2009-Sep-23	EP 2103190	2012-Oct-17	2103190	2027-Dec-07	
IT	2008-Mar-19	08719767.9		EP 2126463	2010-Oct-27	2126463	2028-Mar-19	
IT	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	2143303	2028-Mar-31	
IT	2008-Apr-04	08737714.9		EP 2135005	2010-Oct-06	2135005	2028-Apr-04	
IT	2008-Apr-28	08738006.9	2010-Jan-27	EP 2147576	2014-Apr-16	2147576	2028-Apr-28	
IT	2008-May-05	08738079.6	2010-Jan-27	EP 2147349	2013-Jul-17	2147349	2028-May-05	Yes
IT	2008-May-09	08763076.0	2010-Feb-24	EP 2156279	2011-Dec-21	2156279	2028-May-09	
IT	2008-Jun-23	08763422.6	2010-Mar-17	EP 2163132	2013-Oct-09	2163132	2028-Jun-23	
IT	2008-Aug-14	08789608.0		EP 2181565	2011-Apr-27	2181565	2028-Aug-14	
IT	2008-Oct-08	15170674.4	2016-Aug-03	EP 3051586	2018-Feb-21	3051586		
IT	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
IT	2008-Dec-29	08870459.8	2010-Sep-22	EP 2229803	2011-Oct-26	2229803	2028-Dec-29	
IT	2009-Jul-10	09786561.2	2011-Mar-23	EP 2297516	2012-Feb-22	2297516	2029-Jul-10	Yes
IT	2009-Jul-22	09786664.4	2011-May-11	EP 2319275	2013-Nov-20	2319275	2029-Jul-22	
IT	2009-Jul-22	09786669.3	2011-May-04	EP 2316251	2012-May-09	2316251	2029-Jul-22	
IT	2009-Sep-04	09787096.8	2011-Jun-01	EP 2326869	2016-Jun-29	2326869	2029-Sep-04	Yes
IT	2009-Nov-12	09760323.7	2011-Aug-24	EP 2359052	2016-Feb-10	2359052	2029-Nov-12	Yes
IT	2010-Jan-05	10702908.4	2011-Nov-16	EP 2386043	2016-Apr-13	2386043	2030-Jan-05	
IT	2010-Mar-15	10712534.6	2012-Feb-01	EP 2412209	2018-Feb-21	2412209	2030-Mar-15	Yes
IT	2010-Apr-01	10715358.7	2012-Feb-29	EP 2422507	2013-Jun-19	2422507	2030-Apr-01	Yes
IT	2010-Apr-01	13165685.2	2013-Aug-21	EP 2629491	2014-Sep-17	2629491	2030-Apr-01	Yes
IT	2010-May-21	13165765.2	2013-Aug-07	EP 2623846	2016-Jul-20	2623846	2030-May-21	Yes
IT	2010-May-21	10726288.3	2012-Apr-04	EP 2435753	2013-May-15	2435753	2030-May-21	Yes
IT	2010-Jun-14	10732438.6	2012-Apr-25	EP 2443380	2014-Sep-10	2443380	2030-Jun-14	Yes
IT	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	2457415	2030-Jul-14	
IT	2010-Jul-19	10740379.2	2012-May-30	EP 2457418	2013-Jan-16	2457418	2030-Jul-19	Yes
IT	2010-Sep-01	10757276.0	2012-Jul-11	EP 2474201	2017-Jun-28	2474201	2030-Sep-01	Yes
IT	2011-Mar-11	11714109.3	2013-Jan-30	EP 2550843	2018-Jan-24	2550843	2031-Mar-11	Yes
IT	2011-Jun-16	11754735.6	2013-Apr-24	EP 2583536	2015-Feb-11	2583536	2031-Jun-16	Yes
IT	2011-Nov-15	11799321.2	2013-Oct-02	EP 2644006			2031-Nov-15	Yes
IT	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
IT	2012-Oct-19	12808477.9	2014-Jun-25	EP 2745626	2017-May-10	2745626	2032-Oct-19	Yes
IT	2012-Oct-29	12812346.0	2014-Jul-09	EP 2752090	2018-Jan-03	2752090	2032-Oct-29	Yes
IT	2013-Jan-02	13703878.2	2014-Aug-06	EP 2761978	2016-Apr-06	2761978	2033-Jan-02	Yes
IT	2013-Jan-10	13705570.3	2014-Nov-19	EP 2802805	2017-Oct-18	2802805	2033-Jan-10	Yes
IT	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	2856490		Yes
IT	2013-Sep-17	13799377.0	2015-Jul-29	EP 2898265	2016-Dec-07	2898265		Yes
IT	2014-Mar-05	14709902.2	2016-Jan-27	EP 2976567	2017-May-10	2976567		Yes
IT	2014-Mar-12	14713924.0	2016-Feb-03	EP	2017-Feb-22	2979023		Yes
IT	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
IT	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541		Yes
IT	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543		Yes
IT	2014-Dec-23	14819015.0	2015-Oct-28	EP 2935980	2016-Jun-15	2935980		Yes
JP	1997-Aug-08	98-512405	2007-Mar-14	P3892909	2006-Dec-15	3892909	2017-Aug-08	
JP	1997-Sep-08	98-518128	2000-Feb-29	JP 2000502500	2007-Nov-16	4040688	2017-Sep-08	
JP	1998-Jan-22	98-529200	2000-Jun-06	JP 2000507042	2007-Sep-21	4014227	2018-Jan-22	
JP	1998-Jul-14	2000-501644			2010-Aug-27	4574842	2018-Jul-14	Yes
JP	1998-Jul-16	99-510709	2001-Jan-30	JP 2001501361	2008-Jul-25	4159119	2018-Jul-16	
JP	1998-Jul-16	99-510708	2001-Jan-30	JP 2001501360	2009-Feb-20	4260226	2018-Jul-16	
JP	1998-Jul-27	99-510721	2001-Jan-30	JP 2001501363	2009-Jan-09	4240546	2018-Jul-27	

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
JP	1998-Aug-26	2003-028908	2004-Jan-08	JP 2004006253	2008-Dec-12	4230236	2018-Aug-26	
JP	1998-Dec-17	09-051067			2012-Sep-07	5081181	2018-Dec-17	
JP	1998-Dec-17	2011-86460			2016-Jan-08	5864881	2018-Dec-17	
JP	1998-Dec-17	2015-090463			2016-Jul-08	5963287		
JP	1998-Dec-17	2007-186183	2008-Feb-14	JP 2008034385	2010-Feb-05	4451899	2018-Dec-17	
JP	1998-Dec-17	00-539392	2004-Apr-15	JP 2004511878	2011-Apr-08	4718008	2018-Dec-17	
JP	1998-Dec-17	2014-115668			2015-Jul-10	5775953		
JP	1999-Sep-08	00-572611	2002-Aug-13	JP 2002525836	2009-Sep-18	4376464	2019-Sep-08	
JP	1999-Sep-13	00-571186	2002-Aug-13	JP 2002525814	2009-Apr-10	4290887	2019-Sep-13	
JP	1999-Sep-17	2000-572951	2003-Oct-07	JP 2003529889	2009-Aug-28	4366016	2019-Sep-17	
JP	1999-Dec-02	08-75819	2008-Aug-28	JP 2008198618	2010-Dec-10	4642870	2019-Dec-02	
JP	2000-Mar-10	2000-608119	2002-Nov-26	JP 2002540576	2011-Jul-15	4783504	2020-Mar-10	Yes
JP	2000-Apr-06	00-613009	2002-Dec-10	JP 2002542588	2010-Jul-09	4545952	2020-Apr-06	Yes
JP	2000-Jun-22	2001-506414	2003-Jan-28	JP 2003503815	2011-Jun-24	4768179	2020-Jun-22	Yes
JP	2000-Jun-22	11-001641			2013-Nov-22	5415463	2020-Jun-22	Yes
JP	2000-Jun-22	2013-169211			2015-Dec-18	5854406	2020-Jun-22	Yes
JP	2000-Jul-14	2001-510276	2003-Feb-04	JP 2003504829	2008-Dec-12	4230145	2020-Jul-14	
JP	2000-Jul-28	01-515660	2003-Feb-18	JP 2003506838	2012-Sep-07	5079196	2020-Jul-28	
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JP	2000-Sep-15	01-527610	2003-Mar-18	JP 2003511006	2010-Apr-30	4502353	2020-Sep-15	
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JP	2000-Oct-12	01-534929	2003-Apr-08	JP 2003513420	2011-Apr-28	4731079	2020-Oct-12	
JP	2000-Oct-12	01-534931	2003-Apr-08	JP 2003513454	2012-Jan-20	4908710	2020-Oct-12	
JP	2000-Dec-14	01-550730	2003-Jun-24	JP 2003519810	2011-May-13	4741142	2020-Dec-14	Yes
JP	2000-Dec-18	01-552019	2003-Jun-24	JP 2003519896	2010-Nov-05	4620924	2020-Dec-18	
JP	2001-Jan-08	01-557340	2003-Jul-22	JP 2003522393	2011-Apr-28	4731085	2021-Jan-08	
JP	2001-Apr-24	11-093193			2014-Mar-28	5508333	2021-Apr-24	
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JP	2001-Dec-06	02-551327	2004-Jun-03	JP 2004516666	2009-Apr-03	4287651	2021-Dec-06	Yes
JP	2001-Dec-06	2008-184176	2008-Dec-04	JP 2008293987	2011-Mar-18	4705132	2021-Dec-06	Yes
JP	2001-Dec-12	02-553873	2004-Jun-10	JP 2004517445	2008-Mar-14	4094952	2021-Dec-12	
JP	2001-Dec-21	03-504009	2004-Sep-30	JP 2004530276	2009-Dec-18	4427320	2021-Dec-21	Yes
JP	2002-Mar-14	02-573484	2004-Jul-02	JP 2004519826	2008-Apr-25	4117196	2022-Mar-14	
JP	2002-May-10	2002-588729	2005-Apr-07	JP 2005509245	2008-Oct-31	4208576	2022-May-10	
JP	2002-May-24	02-592686	2004-Sep-02	JP 2004527138	2011-Jan-07	4657579	2022-May-24	
JP	2002-May-30	2003-501242	2005-Apr-14	JP 2005510007	2009-Jul-31	4351040	2022-May-30	
JP	2002-May-30	2007-320844	2008-Apr-03	JP 2008078162	2010-Mar-12	4474457	2022-May-30	
JP	2002-Jun-05	2003-502812	2004-Nov-11	JP 2004534355	2008-Aug-22	4173091	2022-Jun-05	
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JP	2002-Jul-29	03-527366	2005-Jan-27	JP 2005502869	2008-Mar-21	4098237	2022-Jul-29	
JP	2002-Aug-09	03-521671	2005-Jan-06	JP 2005500680	2009-Aug-21	4360903	2022-Aug-09	
JP	2002-Sep-17	2003-529819	2005-Feb-10	JP 2005504411	2010-May-28	4518793	2022-Sep-17	
JP	2002-Sep-17	09-29980			2013-Feb-15	5198310	2022-Sep-17	
JP	2002-Sep-30	03-535510	2005-Feb-24	JP 2005505940	2009-May-29	4317751	2022-Sep-30	
JP	2002-Nov-15	03-550561	2005-Apr-28	JP 2005512334	2009-Aug-07	4353804	2022-Nov-15	
JP	2002-Nov-29	03-553881	2005-May-12	JP 2005513724	2008-Oct-10	4198599	2022-Nov-29	
JP	2002-Dec-09	03-557260	2005-May-12	JP 2005513754	2011-Jan-28	4672259	2022-Dec-09	
JP	2002-Dec-20	03-557257	2005-May-12	JP 2005513819	2010-Dec-10	4642355	2022-Dec-20	
JP	2003-Feb-06	03-568937	2005-Jun-16	JP 2005518102	2010-Nov-26	4633363	2023-Feb-06	
JP	2003-Feb-06	2003-567137	2005-Jun-09	JP 2005517278	2010-Dec-24	4652691	2023-Feb-06	
JP	2003-May-09	04-504577	2005-Aug-18	JP 2005524960	2009-Jul-24	4347794	2023-May-09	
JP	2003-Jun-12	04-515363	2005-Oct-13	JP 2005531140	2010-Jul-30	4558484	2023-Jun-12	
JP	2003-Aug-28	2004-531526	2005-Dec-08	JP 2005537613	2010-Nov-12	4625697	2023-Aug-28	
JP	2003-Sep-03	04-533764	2005-Dec-15	JP 2005538546	2011-Nov-18	4865227	2023-Sep-03	Yes
JP	2003-Dec-03	03-404464	2004-Jul-02	JP 2004186159	2010-Sep-17	4588994	2023-Dec-03	
JP	2003-Dec-11	2004-561862	2006-Mar-30	JP 2006511082	2013-Dec-06	5426807	2023-Dec-11	
JP	2003-Dec-11	04-561838	2006-Mar-30	JP 2006511078	2012-Jan-13	4901104	2023-Dec-11	
JP	2003-Dec-12	04-561856	2006-Mar-30	JP 2006511081	2011-Sep-09	4818610	2023-Dec-12	
JP	2004-Apr-22	2006-506559	2006-Nov-09	JP 2006525664	2012-Mar-30	4959324	2024-Apr-22	
JP	2004-Apr-30	2006-506595	2006-Nov-09	JP 2006525665	2012-Mar-30	4959325	2024-Apr-30	
JP	2004-Jul-21	2006-520640	2006-Dec-14	JP 2006528419	2013-Feb-15	5197957	2024-Jul-21	
JP	2004-Sep-07	06-525258	2007-Mar-08	JP 2007505448	2011-Feb-18	4685016	2024-Sep-07	
JP	2004-Sep-21	06-527545	2007-Mar-22	JP 2007507069	2011-Jan-14	4663644	2024-Sep-21	

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
JP	2004-Nov-05	06-539036	2007-May-10	JP 2007511903	2012-Nov-02	5122141	2024-Nov-05	
JP	2004-Nov-24	2004-338549	2005-Jun-16	JP 2005158746	2011-Jun-10	4757480	2024-Nov-24	Yes
JP	2005-Mar-14	07-504024	2007-Oct-25	JP 2007529872	2013-Feb-15	5198057	2025-Mar-14	
JP	2005-Mar-14	11-088313			2013-Nov-29	5419918	2025-Mar-14	
JP	2005-Mar-14	2013-207551			2015-Apr-24	5735073	2025-Mar-14	
JP	2005-Mar-23	07-507874	2007-Nov-15	JP 2007533092	2011-Jul-29	4792459	2025-Mar-23	
JP	2005-Apr-27	07-512612	2007-Dec-13	JP 2007536720	2011-Apr-15	4722126	2025-Apr-27	
JP	2005-May-02	07-512634	2007-Dec-13	JP 2007536722	2013-Jul-26	5322085	2025-May-02	
JP	2005-Jun-01	2005-161004	2005-Dec-15	JP 2005347263	2012-Feb-10	4920907	2025-Jun-01	Yes
JP	2005-Jun-01	2011-172691			2014-Jan-10	5450525	2031-Aug-08	Yes
JP	2005-Jun-01	2013-104897			2014-Nov-14	5647295	2031-Aug-08	Yes
JP	2005-Jun-23	07-518425	2008-Feb-14	JP 2008504654	2011-Jul-15	4782785	2025-Jun-23	
JP	2005-Jun-23	07-518764	2008-Feb-21	JP 2008505436	2011-Mar-04	4694567	2025-Jun-23	
JP	2005-Jun-28	07-518790	2008-Feb-21	JP 2008505439	2011-Jul-29	4790710	2025-Jun-28	
JP	2005-Jul-06	2007-519963			2011-Sep-22	4829228	2025-Jul-06	Yes
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JP	2005-Jul-18	07-522101	2008-Mar-13	JP 2008507820	2013-Jul-12	5312788	2025-Jul-18	
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JP	2005-Aug-02	07-524456	2008-Mar-27	JP 2008509517	2012-Jun-29	5026969	2025-Aug-02	
JP	2005-Aug-02	07-524454	2008-Mar-27	JP 2008509516	2011-Sep-02	4813484	2025-Aug-02	Yes
JP	2005-Aug-18	07-533004	2008-May-08	JP 2008515140	2013-May-17	5270160	2025-Aug-18	
JP	2005-Sep-12	2007-531907			2012-Feb-24	4933434	2025-Sep-12	Yes
JP	2005-Sep-19	07-534125			2012-Feb-24	4931819	2025-Sep-19	
JP	2005-Sep-20	07-534133	2008-May-15	JP 2008516377	2011-May-27	4751397	2025-Sep-20	
JP	2005-Oct-17	2007-537446			2012-Oct-05	5102037	2025-Oct-17	
JP	2005-Oct-26	07-538580			2012-Jul-27	5048506	2025-Oct-26	
JP	2005-Nov-09	07-542385			2014-Oct-10	5627839	2025-Nov-09	
JP	2005-Nov-24	07-542477			2013-Aug-02	5329091	2025-Nov-24	
JP	2005-Nov-28	2007-543952			2014-Sep-19	5616000	2025-Nov-28	Yes
JP	2005-Dec-02	2007-546202			2013-Jun-07	5285912	2025-Dec-02	
JP	2006-Jan-18	07-550928	2008-Jul-24	JP 2008527667	2014-Dec-05	5657195	2026-Jan-18	
JP	2006-Jan-18	2014-199938			2016-Jul-15	5968974		
JP	2006-Apr-19	08-508358			2012-Dec-21	5160411	2026-Apr-19	
JP	2006-May-10	08-512970			2011-Aug-26	4808250	2026-May-10	
JP	2006-May-11	08-512973			2012-Aug-24	5069225	2026-May-11	
JP	2006-May-23	2008-513654			2015-Dec-11	5850597	2026-May-23	
JP	2006-May-23	2012-020810			2015-Jul-31	5785503	2026-May-23	
JP	2006-May-24	08-513004			2013-Jul-19	5317694	2026-May-24	
JP	2006-Jul-05	08-520997			2013-Mar-08	5213707	2026-Jul-05	
JP	2006-Sep-15	08-532919	2009-Mar-12	JP 2009510752	2012-Sep-28	5096346	2026-Sep-15	Yes
JP	2006-Sep-25	2015-218688						
JP	2006-Sep-25	08-531873	2009-Jun-04	JP 2009521777	2013-Aug-16	5341517	2026-Sep-25	
JP	2006-Oct-02	08-534125	2009-Mar-19	JP 2009512264	2012-Apr-13	4971338	2026-Oct-02	
JP	2006-Oct-11	08-535482			2013-Oct-18	5390858	2026-Oct-11	Yes
JP	2006-Nov-07	08-539576			2013-Feb-15	5198278	2026-Nov-07	
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JP	2006-Dec-11	08-543993			2013-Apr-12	5243964	2026-Dec-11	
JP	2006-Dec-12	08-545224			2014-May-16	5543109	2026-Dec-12	Yes
JP	2006-Dec-12	2013-162385			2015-Jun-12	5757981	2026-Dec-12	Yes
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JP	2006-Dec-20	08-546051	2009-May-21	JP 2009520331	2015-Mar-27	5717947	2026-Dec-20	
JP	2007-Jan-10	08-550883			2013-Mar-29	5231248	2027-Jan-10	
JP	2007-Jan-26	08-551939	2009-Jul-09	JP 2009525595	2013-Aug-02	5329235	2027-Jan-26	
JP	2007-Mar-02	08-558950			2014-Feb-14	5474357	2027-Mar-02	
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JP	2007-Apr-20	2009-508558	2009-Oct-01	JP 2009535833	2014-Mar-07	5491855	2027-Apr-20	
JP	2007-May-02	2009-508612	2009-Oct-01	JP 2009536779	2013-Jan-25	5185257	2027-May-02	
JP	2007-May-31	09-512750			2014-Oct-10	5629092	2027-May-31	Yes
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JP	2007-Jun-20	2009-517521	2009-Dec-03	JP 2009543280	2013-Jun-21	5295106	2027-Jun-20	
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JP	2007-Jul-05	09-523375			2013-Mar-15	5220743	2027-Jul-05	
JP	2007-Aug-09	09-544826			2012-Nov-16	5135354	2027-Aug-09	
JP	2007-Aug-17	09-524056			2014-Jan-10	5448816	2027-Aug-17	
JP	2007-Aug-22	09-524853			2013-Aug-23	5346291	2027-Aug-22	
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JP	2007-Sep-20	09-530978			2013-Feb-15	5198456	2027-Sep-20	

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JP	2007-Sep-20	09-528563			2014-Dec-19	5667361	2027-Sep-20	
JP	2007-Oct-11	2013-158545			2014-Nov-28	5654647	2033-Jul-31	
JP	2007-Oct-11	09-531966			2014-Apr-11	5519284	2027-Oct-11	
JP	2007-Oct-12	09-531973			2013-Mar-15	5220753	2027-Oct-12	Yes
JP	2007-Oct-31	09-533629			2013-Aug-30	5350251	2027-Oct-31	
JP	2007-Nov-06	09-535848			2013-Dec-06	5424888	2027-Nov-06	
JP	2007-Nov-09	2013-115658			2015-Jun-12	5757974	2027-Nov-09	
JP	2007-Nov-09	09-536318			2013-Sep-20	5366815	2027-Nov-09	
JP	2007-Nov-27	2013-218657			2016-Jul-29	5974242	2027-Nov-27	
JP	2007-Nov-27	09-538825			2014-Apr-04	5513892	2027-Nov-27	
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JP	2007-Dec-17	2009-542347			2013-Jul-26	5324466	2027-Dec-17	Yes
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JP	2008-May-01	2010-504986			2013-Dec-27	5441886	2028-May-01	
JP	2008-May-02	10-506686			2014-May-16	5542658	2028-May-02	
JP	2008-May-02	2010-507545			2013-Sep-13	5363462	2028-May-02	
JP	2008-May-05	10-507032			2012-Mar-23	4955101	2028-May-05	Yes
JP	2008-May-09	10-508013			2013-Jul-05	5306332	2028-May-09	
JP	2008-May-26	2010-509933			2013-Jun-14	5290279	2028-May-26	Yes
JP	2008-May-30	10-510926			2011-Oct-28	4850969	2028-May-30	
JP	2008-Jun-23	10-514203			2017-Mar-10	6105191	2028-Jun-23	
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JP	2008-Jul-21	10-517525			2013-Nov-15	5409622	2028-Jul-21	
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JP	2008-Aug-14	10-520668			2014-Mar-07	5490694	2028-Aug-14	
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JP	2008-Oct-08	10-529004			2013-Sep-06	5357886	2028-Oct-08	
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JP	2008-Dec-29	2010-540211			2015-Nov-13	5836591	2028-Dec-29	
JP	2009-Apr-03	2011-502393	2011-May-26	JP 2011517024	2014-Aug-01	5584919	2029-Apr-03	
JP	2009-May-20	2011-511133	2011-Jul-28	JP 2011522368	2014-May-09	5536043	2029-May-20	Yes
JP	2009-Jun-12	11-512795			2014-May-09	5539338	2029-Jun-12	Yes
JP	2009-Jul-10	2011-517302			2013-Dec-13	5432255	2029-Jul-10	Yes
JP	2009-Jul-22	2011-520630			2014-Apr-04	5514206	2029-Jul-22	
JP	2009-Jul-22	2011-520631			2014-Apr-11	5519667	2029-Jul-22	
JP	2009-Sep-02	2011-528457			2014-Mar-14	5498499	2029-Sep-02	Yes
JP	2009-Sep-04	2011-526601			2013-Dec-20	5438766	2029-Sep-04	Yes
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JP	2009-Nov-03	2011-533919			2014-Mar-07	5490812	2029-Nov-03	Yes
JP	2009-Nov-12	2013-244461			2015-Jun-26	5767304	2029-Nov-12	Yes
JP	2009-Nov-12	2011-543874			2014-Apr-11	5519701	2029-Nov-12	Yes
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JP	2009-Nov-27	2011-539135			2014-May-16	5544372	2029-Nov-27	Yes
JP	2009-Nov-30	2011-544931			2015-Mar-13	5711147	2029-Nov-30	
JP	2010-Jan-04	2011-544950			2014-May-30	5551714	2030-Jan-04	
JP	2010-Jan-05	2011-544951			2015-Apr-24	5734204	2030-Jan-05	
JP	2010-Mar-15	2015-057301			2016-Oct-28	6029035		Yes
JP	2010-Mar-15	2012-501435			2015-Mar-27	5719342	2030-Mar-15	Yes
JP	2010-Mar-30	2012-502861			2015-Oct-16	5823948	2030-Mar-30	Yes
JP	2010-Apr-23	2012-507868			2015-Mar-13	5711217	2030-Apr-23	Yes
JP	2010-Apr-23	2015-003160			2016-Jun-17	5952925		Yes
JP	2010-May-05	2012-511376			2015-Sep-04	5802657	2030-May-05	Yes

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JP	2010-May-21	2012-512498			2014-Oct-17	5632909	2030-May-21	Yes
JP	2010-May-26	2012-512513			2015-Apr-24	5735958	2030-May-26	Yes
JP	2010-Jun-09	2012-515590			2013-Dec-06	5425303	2030-Jun-09	Yes
JP	2010-Jun-11	2012-515596			2015-Feb-13	5695036	2030-Jun-11	Yes
JP	2010-Jun-14	2012-515603			2015-Jan-09	5677421	2030-Jun-14	Yes
JP	2010-Jun-18	10-139890					2011-Sep-18	Yes
JP	2010-Jul-14	2015-009363			2017-Mar-31	6118356		
JP	2010-Jul-14	2012-521129			2015-Aug-14	5792721	2030-Jul-14	
JP	2010-Jul-19	2012-521141			2014-Jul-11	5575896	2030-Jul-19	Yes
JP	2010-Jul-27	2014-259886			2016-Nov-11	6038106		Yes
JP	2010-Jul-27	2012-522303			2015-Jan-09	5675804	2030-Jul-27	Yes
JP	2010-Aug-18	2012-526155			2014-Mar-28	5508532	2030-Aug-18	Yes
JP	2010-Aug-30	2012-527427			2014-Jul-04	5571791	2030-Aug-30	Yes
JP	2010-Sep-01	2012-527437			2015-Aug-21	5795586	2030-Sep-01	Yes
JP	2010-Sep-07	2012-529371			2014-Nov-14	5647250	2030-Sep-07	Yes
JP	2010-Sep-09	2012-530380			2015-Feb-13	5695057	2030-Sep-09	Yes
JP	2010-Sep-09	2011-551565			2013-Sep-06	5355722	2030-Sep-09	Yes
JP	2010-Sep-29	2012-532694			2014-Dec-05	5657679	2030-Sep-29	Yes
JP	2010-Oct-07	2012-532598	2013-Mar-04	JP 2013507729	2016-May-20	5935063	2030-Oct-07	
JP	2010-Oct-07	2016-077619	2016-Aug-12	2016-146358				
JP	2010-Oct-29	2012-536002			2017-Jun-09	6155027	2030-Oct-29	Yes
JP	2010-Nov-22	2012-542649			2015-Feb-13	5694364	2030-Nov-22	Yes
JP	2011-Feb-28	2012-555527			2017-Apr-14	6125233	2031-Feb-28	Yes
JP	2011-Feb-28	2015-087779						Yes
JP	2011-Mar-11	2013-500621	2013-Jun-17	JP 2013524408	2015-Nov-13	5837036	2031-Mar-11	Yes
JP	2011-Apr-01	2013-503201			2015-Apr-17	5732127	2031-Apr-01	
JP	2011-Jun-16	2013-514826			2016-May-20	5935065	2031-Jun-16	Yes
JP	2011-Jun-30	2013-517640			2016-Aug-12	5984804	2031-Jun-30	Yes
JP	2011-Aug-05	2013-526571					2031-Aug-05	Yes
JP	2011-Aug-05	2016-101098						Yes
JP	2011-Nov-15	2013-540462			2016-Jul-29	5977250	2031-Nov-15	Yes
JP	2012-Jan-11	2013-548919			2016-Jul-15	5968911	2032-Jan-11	Yes
JP	2012-Mar-16	2014-501745			2017-Apr-28	6133269	2032-Mar-16	Yes
JP	2012-Mar-22	2015-231601			2016-Dec-02	6050883		Yes
JP	2012-Mar-22	2014-501753			2015-Dec-11	5850549	2032-Mar-22	Yes
JP	2012-Mar-27	2014-501761			2016-Jun-17	5952892	2032-Mar-27	Yes
JP	2012-Apr-02	2014-501671			2016-Oct-14	6023168	2032-Apr-02	
JP	2012-May-14	2014-510918			2017-Jan-13	6072776	2032-May-14	Yes
JP	2012-Oct-05	2014-534032			2017-May-26	6148237	2032-Oct-05	Yes
JP	2012-Oct-17	2014-536388			2017-Feb-10	6087937	2032-Oct-17	Yes
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JP	2013-Jan-25	2014-555356					2033-Jan-25	Yes
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JP	2013-Feb-22	2014-558257			2017-Dec-08	6255356	2033-Feb-22	Yes
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JP	2014-Mar-05	2015-560668						Yes
JP	2014-Apr-02	2016-505915						Yes
JP	2014-Jun-04	2015-563036			2016-Dec-16	6058828		Yes

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
JP	2014-Jul-09	2016-516053			2017-Apr-28	6133500		Yes
JP	2014-Jul-23	2016-530436						Yes
JP	2014-Aug-27	2015-563162			2017-Mar-31	6118431		Yes
JP	2014-Oct-14	2016-522101						Yes
JP	2014-Nov-12	2016-532110						Yes
JP	2014-Dec-23	2015-560730			2016-Nov-25	6045725		Yes
JP	2015-Jan-27	2016-550748						Yes
JP	2015-Feb-03	2016-550202			2017-Aug-04	6185672		Yes
JP	2015-Mar-13	2016-556747						Yes
JP	2015-Jun-24	2016-575337						Yes
JP	2015-Sep-25	2017-518808						Yes
JP	2015-Nov-03	2017-523494						Yes
JP	2016-Apr-04	2017-552954						Yes
JP	2016-Apr-20	2017-555376						Yes
KR	1998-Jan-22	98-707511	2000-Nov-06	10-2000-0064753	2005-Feb-03	0471705	2018-Jan-22	
KR	1999-Sep-08	10-2000-7005688			2007-Nov-08	10-0776837	2019-Sep-08	
KR	1999-Sep-17	10-2000-7005691			2007-Mar-26	10-0702273	2019-Sep-17	
KR	2000-Apr-06	10-2000-7014360			2006-Nov-22	651274	2020-Apr-06	Yes
KR	2000-Jun-22	10-2001-7002264			2007-Feb-28	691755	2020-Jun-22	Yes
KR	2000-Aug-07	10-2001-7005214			2008-Jan-23	10-0799384	2020-Aug-07	
KR	2001-Jan-08	2001-7012370			2007-Jun-28	10-0735943	2021-Jan-08	
KR	2002-Mar-19	10-2002-7016146			2008-May-26	10-0834185	2022-Mar-19	
KR	2002-May-14	10-2002-7006159			2007-Dec-14	10-0788062	2022-May-14	
KR	2002-Jun-07	10-2003-7001707			2008-May-19	10-0832161	2022-Jun-07	
KR	2002-Jun-21	10-2003-7002792			2009-Jul-24	10-0910128	2022-Jun-21	
KR	2002-Jul-23	10-2003-7004098			2009-Sep-01	10-0916178	2022-Jul-23	
KR	2002-Nov-29	10-2004-7009711			2011-Jan-24	10-1011662	2022-Nov-29	
KR	2002-Dec-20	10-2004-7010172			2010-Apr-28	10-0956305	2022-Dec-20	
KR	2003-Feb-06	10-2004-7012496			2010-May-25	10-0960825	2023-Feb-06	
KR	2003-Jun-12	10-2004-7020971			2010-Jun-21	10-0966514	2023-Jun-12	
KR	2003-Dec-03	10-2003-0087088			2010-Nov-11	10-0994952	2023-Dec-03	
KR	2003-Dec-11	10-2005-7011369			2010-Aug-19	10-0978019	2023-Dec-11	
KR	2003-Dec-11	10-2005-7011572			2010-Sep-08	10-0982167	2023-Dec-11	
KR	2003-Dec-18	10-2005-7011977			2013-Jan-14	10-1223943	2023-Dec-18	
KR	2004-Apr-30	10-2005-7020971			2012-Jun-21	10-1160588	2024-Apr-30	
KR	2004-Nov-05	10-2006-7009277			2012-Aug-20	10-1177086	2024-Nov-05	
KR	2005-Mar-14	10-2006-7021272			2012-Sep-07	10-1182674	2025-Mar-14	
KR	2005-Apr-27	10-2006-7025486			2012-Jun-29	10-1163075	2025-Apr-27	
KR	2005-May-02	10-2006-7025609			2012-Aug-20	10-1177076	2025-May-02	
KR	2005-Jun-23	10-2007-7002231			2012-Jan-25	10-1111274	2025-Jun-23	
KR	2005-Jul-18	10-2007-7004351			2012-Oct-05	10-1190214	2025-Jul-18	
KR	2005-Aug-02	10-2007-7005212			2012-Jul-10	10-1166664	2025-Aug-02	Yes
KR	2005-Aug-02	10-2007-7005238			2012-Dec-03	10-1209696	2025-Aug-02	
KR	2005-Aug-02	10-2007-7005239			2012-Dec-13	10-1214135	2025-Aug-02	Yes
KR	2005-Sep-12	10-2007-7009047			2013-Jan-28	10-1228848	2025-Sep-12	Yes
KR	2005-Sep-19	10-2007-7009712			2012-May-11	10-1147342	2025-Sep-19	
KR	2005-Oct-17	10-2007-7011536			2013-Mar-25	10-1249025	2025-Oct-17	
KR	2005-Nov-24	10-2007-7014805			2013-Nov-07	10-1329258	2025-Nov-24	
KR	2005-Nov-28	10-2007-7015432			2012-Nov-02	10-1199260	2025-Nov-28	Yes
KR	2006-Apr-03	10-2007-7025407	2007-Dec-13	118171/2007	2012-Nov-14	10-1203073	2026-Apr-03	
KR	2006-Apr-19	10-2007-7027589			2013-Aug-28	10-1303359	2026-Apr-19	
KR	2006-May-08	10-2008-7022053			2013-Aug-20	10-1300007	2026-May-08	
KR	2006-May-10	10-2007-7030185			2012-Dec-13	10-1214128	2026-May-10	
KR	2006-May-11	10-2007-7030168			2013-Aug-13	10-1298192	2026-May-11	
KR	2006-May-23	10-2007-7029980			2013-Dec-13	10-1343562	2026-May-23	
KR	2006-May-24	10-2007-7030347			2013-Mar-08	10-1243692	2026-May-24	
KR	2006-Jul-05	10-2008-7003516			2013-Aug-28	10-1303367	2026-Jul-05	
KR	2006-Sep-15	10-2008-7010024			2013-Sep-30	10-1315083	2026-Sep-15	Yes
KR	2006-Nov-07	10-2008-7013933			2012-Nov-27	10-1207324	2026-Nov-07	
KR	2006-Nov-20	10-2008-7015070			2013-Aug-28	10-1303365	2026-Nov-20	
KR	2006-Dec-06	10-2008-7017076			2014-Nov-28	10-1468901	2026-Dec-06	
KR	2006-Dec-11	10-2008-7016877			2013-Nov-07	10-1329260	2026-Dec-11	
KR	2006-Dec-12	10-2008-7016875			2013-Sep-30	10-1315078	2026-Dec-12	Yes
KR	2006-Dec-20	10-2008-7016959			2016-Jan-18	10-1588044	2026-Dec-20	
KR	2007-Jan-26	10-2008-7021117			2013-Aug-28	10-1303362	2027-Jan-26	
KR	2007-Apr-20	10-2008-7029364			2013-Dec-06	10-1340905	2027-Apr-20	
KR	2007-May-02	10-2008-7030125			2014-Dec-16	10-1475215	2027-May-02	
KR	2007-Jun-20	10-2009-7002014			2014-Dec-01	10-1469736	2027-Jun-20	

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KR	2007-Jun-21	10-2009-7001463			2013-Aug-28	10-1303360	2027-Jun-21	
KR	2007-Aug-09	10-2009-7016344			2015-May-22	10-1524013	2027-Aug-09	
KR	2007-Aug-17	10-2009-7005417			2014-Nov-28	10-1469968	2027-Aug-17	
KR	2007-Aug-22	10-2009-7005632			2014-Nov-04	10-1460005	2027-Aug-22	
KR	2007-Sep-20	10-2009-7007947			2015-Jan-12	10-1483662	2027-Sep-20	
KR	2007-Sep-20	10-2009-7009353			2014-Feb-27	10-1370363	2027-Sep-20	
KR	2007-Sep-20	10-2009-7009232			2015-Feb-09	10-1493263	2027-Sep-20	
KR	2007-Oct-11	10-2009-7010027			2014-Feb-21	10-1376560	2027-Oct-11	
KR	2007-Oct-31	10-2009-7011106			2015-Mar-26	10-1507755	2027-Oct-31	
KR	2007-Nov-09	10-2009-7011892			2014-Nov-04	10-1460004	2027-Nov-09	
KR	2007-Nov-27	10-2009-7013310			2015-May-22	10-1523993	2027-Nov-27	
KR	2007-Dec-11	10-2009-7014358			2015-Jun-18	10-1531378	2027-Dec-11	
KR	2007-Dec-17	10-2009-7015043			2014-Nov-04	10-1460002	2027-Dec-17	Yes
KR	2008-Apr-15	10-2009-7024277			2016-Apr-29	10-1618582	2028-Apr-15	
KR	2008-Apr-23	10-2009-7024700			2015-Apr-28	10-1517353	2028-Apr-23	
KR	2008-Apr-28	10-2009-7025193			2015-Nov-24	10-1572819	2028-Apr-28	
KR	2008-May-01	10-2009-7025211					2028-May-01	
KR	2008-May-02	10-2009-7025447			2015-May-22	10-1524005	2028-May-02	
KR	2008-May-02	10-2010-7005002			2015-Sep-21	10-1555894	2028-May-02	
KR	2008-May-02	10-2009-7025261			2015-Mar-04	10-1500977	2028-May-02	
KR	2008-May-09	10-2009-7026170			2015-Oct-28	10-1565605	2028-May-09	
KR	2008-Jul-21	10-2010-7003857			2016-Oct-19	10-1669264	2028-Jul-21	
KR	2008-Oct-08	10-2010-7010136			2016-Jan-18	10-1588033	2028-Oct-08	
KR	2008-Dec-02	10-2010-7014991			2015-Jun-04	10-1527712	2028-Dec-02	
KR	2008-Dec-22	10-2010-7016494			2015-Nov-24	10-1572811	2028-Dec-22	
KR	2008-Dec-29	10-2010-7017189			2016-Jan-28	10-1591509	2028-Dec-29	
KR	2009-Jun-12	10-2011-7000943			2016-Jul-11	10-1640242	2029-Jun-12	Yes
KR	2009-Jul-10	10-2011-7003156			2016-May-12	10-1622263	2029-Jul-10	Yes
KR	2009-Jul-22	10-2011-7004532			2016-Dec-19	10-1689309	2029-Jul-22	
KR	2009-Oct-02	10-2011-7010582					2029-Oct-02	Yes
KR	2009-Nov-12	10-2011-7013974			2016-Sep-19	10-1659505	2029-Nov-12	Yes
KR	2009-Nov-27	10-2011-7015911			2015-Jul-13	10-1537522	2029-Nov-27	Yes
KR	2009-Nov-30	10-2011-7018549					2029-Nov-30	
KR	2010-Jan-04	10-2011-7018477					2030-Jan-04	
KR	2010-Jan-05	10-2011-7018487					2030-Jan-05	
KR	2010-Mar-15	10-2011-7024768			2017-Jan-20	10-1700443	2030-Mar-15	Yes
KR	2010-Mar-30	10-2011-7026021					2030-Mar-30	Yes
KR	2010-Apr-01	10-2011-7027735			2016-Jun-09	10-1630863	2030-Apr-01	Yes
KR	2010-May-26	10-2011-7031126					2030-May-26	Yes
KR	2010-Jun-04	10-2012-7000219					2030-Jun-04	Yes
KR	2010-Jun-09	10-2012-7001236			2016-Nov-24	10-1681053	2030-Jun-09	Yes
KR	2010-Jun-11	10-2012-7001174					2030-Jun-11	Yes
KR	2010-Jun-14	10-2012-7001462					2030-Jun-14	Yes
KR	2010-Jul-14	10-2012-7004881					2030-Jul-14	
KR	2010-Jul-19	10-2012-7004718					2030-Jul-19	Yes
KR	2010-Jul-27	10-2012-7004880					2030-Jul-27	Yes
KR	2010-Aug-18	10-2012-7007630					2030-Aug-18	Yes
KR	2010-Aug-30	10-2012-7008465					2030-Aug-30	Yes
KR	2010-Sep-01	10-2012-7008604					2030-Sep-01	Yes
KR	2010-Sep-07	10-2012-7009854					2030-Sep-07	Yes
KR	2010-Sep-09	10-2011-7019453			2012-Jun-29	10-1163016	2030-Sep-09	Yes
KR	2010-Oct-07	10-2012-7011827	2012-Jul-24	2012-0082912			2030-Oct-07	
KR	2011-Feb-28	10-2012-7025867					2031-Feb-28	Yes
LI	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667		
LT	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
LT	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
MX	2007-Sep-20	A/2009/003541			2011-Aug-04	288977	2027-Sep-20	
MX	2007-Sep-20	2009/002916			2011-Apr-04	285404	2027-Sep-20	
MX	2007-Oct-11	2009/003898			2012-May-21	299363	2027-Oct-11	
MX	2007-Oct-31	MX/A/09/004521			2011-Apr-04	285403	2027-Oct-31	
MX	2007-Nov-27	MX/A/09/005600			2013-Apr-22	308889	2027-Nov-27	
MX	2007-Dec-07	2009/005915			2011-Aug-15	289327	2027-Dec-07	
MX	2009-Jun-12	2010/013410			2011-Nov-23	292516	2029-Jun-12	Yes
MX	2010-Aug-18	2012/002255			2013-Oct-29	314726	2030-Aug-18	Yes
MX	2014-Jul-09	MX/A/2016/001143			2017-May-25	348046		Yes
MY	2002-Jun-28	PI20022452			2007-Aug-30	MY-131472-A	2022-Aug-30	
MY	2006-May-23	PI20062381			2012-Feb-29	MY-145509-A	2026-May-23	
NL	1998-Jan-22	98900141.7	1999-Jan-13	EP 0890059	2004-Jun-23	0890059	2018-Jan-22	

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
NL	1998-Jul-28	98937339.4	2000-May-17	EP 1000295	2014-Jul-23	1000295	2018-Jul-28	
NL	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
NL	1999-Sep-03	99943116.6		EP 1110198	2003-Nov-05	1110198	2019-Sep-03	
NL	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
NL	1999-Sep-08	99969780.8	2000-Nov-02	EP 1047904	2013-Apr-24	1047904	2019-Sep-08	
NL	1999-Sep-17	99948820.8		EP 1046196	2008-Jan-16	1046196	2019-Sep-17	
NL	2000-Jun-22	00947862.9		EP 1108180	2008-Jul-30	1108180	2020-Jun-22	Yes
NL	2000-Jul-14	00950360.8	2002-Jul-24	EP 1224845	2005-Nov-02	1224845	2020-Jul-14	
NL	2000-Jul-14	05077467.8		EP 1624728	2009-May-06	1624728	2020-Jul-14	
NL	2000-Nov-20	00980578.9	2002-Aug-28	EP 1234140	2005-Aug-10	1234140	2020-Nov-20	
NL	2000-Nov-20	05076817.5	2005-Dec-28	EP 1610593	2015-Jul-08	1610593	2020-Nov-20	
NL	2000-Dec-01	00126262.5	2001-Jun-13	EP 1106914	2002-Sep-11	1106914	2020-Dec-01	Yes
NL	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
NL	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
NL	2001-Aug-14	01203099.5		EP 1182396	2009-Oct-14	1182396	2021-Aug-14	
NL	2001-Aug-31	01120981.4	2002-Mar-06	EP 1183964	2003-Nov-05	1183964	2021-Aug-31	Yes
NL	2001-Oct-25	01997118.3		EP 1337784	2009-Jun-17	1337784	2021-Oct-25	
NL	2001-Dec-20	01994819.9		EP 1399692	2008-Nov-05	1399692	2021-Dec-21	Yes
NL	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	
NL	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
NL	2004-Apr-21	04760087.9	2006-Feb-01	EP 1620843	2015-Sep-02	1620843	2024-Apr-21	
NL	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
NL	2005-Oct-11	1030161			2007-Apr-12	1030161	2025-Oct-11	Yes
NL	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
NL	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
NL	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
NL	2006-May-08	06770064.1	2008-Oct-29	EP 1984667	2017-Aug-23	1984667	2026-May-08	
NL	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
NL	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
NL	2006-Oct-11	2000273	2007-Apr-12	NL 2000273	2010-Oct-22	2000273	2026-Oct-11	Yes
NL	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	
NL	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
NL	2007-Apr-20	07735597.2	2009-Jan-21	EP 2016804	2011-Jun-29	2016804	2027-Apr-20	
NL	2007-May-31	07736055.0	2009-Mar-04	EP 2030483	2015-Oct-21	2030483	2027-May-31	Yes
NL	2007-Jun-19	07789721.3	2009-Mar-25	EP 2039069	2017-Apr-05	2039069	2027-Jun-19	
NL	2007-Jun-20	07789748.6	2009-Mar-25	EP 2039227			2027-Jun-20	
NL	2007-Oct-19	07861452.6	2009-Aug-12	EP 2087776	2014-Dec-10	2087776	2027-Oct-19	
NL	2007-Nov-06	07826984.2		EP 2082620	2010-Jul-28	2082620	2027-Nov-06	
NL	2007-Nov-27	07862228.9		EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
NL	2008-Apr-04	08737714.9		EP 2135005	2010-Oct-06	2135005	2028-Apr-04	
NL	2008-Oct-08	15170674.4	2016-Aug-03	EP 3051586	2018-Feb-21	3051586		
NL	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
NL	2009-Nov-27	09775293.5	2011-Oct-19	EP 2377371	2016-Apr-20	2377371	2029-Nov-27	Yes
NL	2010-Jan-05	10702908.4	2011-Nov-16	EP 2386043	2016-Apr-13	2386043	2030-Jan-05	
NL	2010-Mar-15	10712534.6	2012-Feb-01	EP 2412209	2018-Feb-21	2412209	2030-Mar-15	Yes
NL	2010-Apr-01	10715358.7	2012-Feb-29	EP 2422507	2013-Jun-19	2422507	2030-Apr-01	Yes
NL	2010-Jun-11	10730223.4	2012-Apr-25	EP 2443387	2016-Mar-02	2443387	2030-Jun-11	Yes
NL	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
NL	2013-Jan-02	13703878.2	2014-Aug-06	EP 2761978	2016-Apr-06	2761978	2033-Jan-02	Yes
NL	2014-Mar-05	14709902.2	2016-Jan-27	EP 2976567	2017-May-10	2976567		Yes
NL	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
NL	2014-Jul-09	14738810.2	2016-Jun-08	EP	2017-Feb-22	3028541		Yes
NL	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543		Yes
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NO	2012-Oct-19	12841485.1	2014-Aug-27	EP 2769142	2018-Feb-21	2769142	2032-Oct-19	Yes
NO	2014-Jun-04	14728546.4	2016-Apr-13	EP 3005834				Yes
NO	2014-Jul-23	14741900.6	2016-Jun-08	EP 3028543	2018-Jan-17	3028543		Yes
PL	2004-Apr-21	04760087.9	2006-Feb-01	EP 1620843	2015-Sep-02	1620843	2024-Apr-21	
PL	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
PL	2005-Nov-09	05809900.3		EP 1815536	2011-Feb-09	1815536	2025-Nov-09	
PL	2005-Dec-02	05815525.0			2017-Oct-04	1842399	2025-Dec-02	
PL	2006-Apr-03	06716702.3	2007-Nov-29	EP 1869365	2013-Jun-12	1869365	2026-Apr-03	
PL	2006-May-24	06765708.0		EP 1889519	2009-Mar-18	1889519	2026-May-24	
PL	2006-Oct-11	14166066.2	2014-Sep-17	EP 2779146	2017-Jul-26	2779146	2026-Oct-11	Yes
PL	2006-Oct-11	06812715.8		EP 1938298	2012-Jun-13	1938298	2026-Oct-11	Yes
PL	2006-Oct-11	11173044.6	2011-Nov-30	EP 2390866	2016-Sep-28	2390866	2026-Oct-11	Yes
PL	2006-Dec-13	06842469.6	2008-Sep-10	EP 1966624	2011-Jun-29	1966624	2026-Dec-13	

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PL	2006-Dec-13	11155525.6	2011-May-25	EP 2325670	2017-Oct-25	2325670	2026-Dec-13	
PL	2007-May-02	07735739.0	2009-Jan-28	EP 2018795	2016-Dec-14	2018795	2027-May-02	
PL	2007-Jun-20	07789748.6	2009-Mar-25	EP 2039227			2027-Jun-20	
PL	2007-Oct-12	07826733.3	2009-Jul-29	EP 2082167	2017-Feb-22	2082167	2027-Oct-12	Yes
PL	2007-Oct-19	07861452.6	2009-Aug-12	EP 2087776	2014-Dec-10	2087776	2027-Oct-19	
PL	2007-Nov-27	07862228.9		EP 2089656	2011-Mar-02	2089656	2027-Nov-27	
PL	2008-Mar-31	08737675.2	2010-Jan-13	EP 2143303	2012-Aug-08	2143303	2028-Mar-31	
PL	2008-Apr-28	08738006.9	2010-Jan-27	EP 2147576	2014-Apr-16	2147576	2028-Apr-28	
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PL	2008-Dec-02	08857778.8	2010-Sep-29	EP 2232951	2011-Jul-06	2232951	2028-Dec-02	
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PT	2001-Apr-24	07075990.7	2008-Feb-13	EP 1887836	2012-Mar-07	1887836	2021-Apr-24	
PT	2001-Apr-24	03028671.0		EP 1422975	2010-Apr-14	1422975	2021-Apr-24	
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PT	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
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RU	2007-Oct-31	2009120477	2010-Dec-10	RU 2462002	2012-Sep-20	2462002	2027-Oct-31	
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RU	2008-Sep-16	2010116393	2012-Nov-10	RU 2475675	2013-Feb-20	2475675	2028-Sep-16	Yes
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RU	2009-Jun-12	2011100844	2012-Jul-20	RU 2502919	2013-Dec-27	2502919	2029-Jun-12	Yes
RU	2009-Jul-10	2011105018	2012-Aug-20	RU 2502014	2013-Dec-20	2502014	2029-Jul-10	Yes

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
RU	2009-Jul-22	2011107217	2012-Sep-10	RU 2563881	2015-Sep-27	2563881	2029-Jul-22	
RU	2009-Oct-02	2011118396	2012-Nov-20	RU 2510602	2014-Mar-27	2510602	2029-Oct-02	Yes
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RU	2010-Jan-04	2011133243		RU 2519278	2014-Jun-10	2519278	2030-Jan-04	
RU	2010-Jan-05	2011133227	2013-Feb-20	RU 2572590	2016-Jan-20	2572590	2030-Jan-05	
RU	2010-Mar-15	2011142770		RU 2565662	2015-Oct-20	2565662	2030-Mar-15	Yes
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RU	2012-Apr-02	2013148739			2017-Apr-19	2617030	2032-Apr-02	
RU	2012-May-14	2013156233	2015-Jun-27	RU 2013156233	2017-Jul-03	2624250	2032-May-14	Yes
RU	2012-Oct-05	2014117947	2015-Nov-20	RU 2014117947	2017-Dec-15	2638749		Yes
RU	2012-Oct-17	2014120165	2015-Nov-27	RU 2014120165	2017-Jan-30	2609130	2032-Oct-17	Yes
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RU	2012-Oct-29	2014122556	2015-Dec-10	RU 2014122556	2017-Feb-22	2611427	2032-Oct-29	Yes
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RU	2015-Jun-24	2017103292						Yes
RU	2015-Nov-03	2017118873						Yes
RU	2016-Apr-04	2017135372						Yes
RU	2016-Apr-20	2017133132						Yes

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
SE	1998-Aug-26	01130297.3	2002-Apr-10	EP 1195740	2017-Nov-22	1195740	2018-Aug-26	
SE	1998-Aug-26	98944539.0		EP 1016062	2002-Aug-07	1016062	2018-Aug-26	
SE	1999-Sep-03	03011110.8	2004-Feb-25	EP 1391650	2014-Feb-26	1391650	2019-Sep-03	
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SE	2002-Jun-21	02738518.6		EP 1405551	2008-Dec-10	1405551	2022-Jun-21	
SE	2003-Aug-28	03791823.2		EP 1535495	2010-Jan-13	1535495	2023-Aug-28	
SE	2005-Jul-14	05763182.2	2007-Apr-11	EP 1772044	2012-Sep-12	1772044	2025-Jul-14	
SE	2005-Sep-19	05783602.5	2007-Jul-11	EP 1805452	2014-Apr-23	1805452	2025-Sep-19	
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TR	2010-May-21	13165765.2	2013-Aug-07	EP 2623846	2016-Jul-20	2623846	2030-May-21	Yes
TR	2010-Jun-04	10728329.3	2012-Apr-11	EP 2438647	2013-Oct-16	2438647	2030-Jun-04	Yes
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TR	2010-Jun-14	10732438.6	2012-Apr-25	EP 2443380	2014-Sep-10	TR 2014 13452 T4	2030-Jun-14	Yes
TR	2010-Jul-14	10740369.3	2012-May-30	EP 2457415	2014-Feb-26	2457415	2030-Jul-14	
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TR	2011-Jun-30	11738821.5	2013-May-15	EP 2591275	2017-Mar-01	2591275	2031-Jun-30	Yes
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TR	2013-Apr-16	13726598.9	2015-Feb-25	EP 2839204	2016-Dec-14	2839204		Yes
TR	2013-May-22	13736961.7	2015-Apr-08	EP 2856490	2016-Mar-09	2856490	2033-May-22	Yes
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TR	2014-Mar-05	14709902.2	2016-Jan-27	EP 2976567	2017-May-10	2976567		Yes
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TW	1997-Jun-26	86108962	1998-Apr-21	330233	1998-Aug-01	093750	2017-Jun-26	
TW	1997-Oct-28	86115967	2000-Mar-11	384583	2000-Mar-11	112395	2017-Oct-28	
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TW	2000-Jan-27	089101372	2001-Oct-01	457732	2002-Jan-22	NI-141709	2020-Jan-27	
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TW	2005-Aug-03	094126389	2006-Jun-16	200620702	2012-Dec-21	I380465	2025-Aug-03	Yes
TW	2005-Aug-03	094126390	2006-Jun-01	200617320	2011-Jun-11	I343463	2025-Aug-03	Yes
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TW	2006-May-22	095118163	2007-Jan-16	20073206	2015-Apr-01	I479466	2026-May-22	
TW	2006-May-22	095118151	2007-Feb-16	200708196-A	2015-Mar-11	I477196	2026-May-22	
TW	2006-May-22	095118135	2007-Feb-01	200704967-A	2013-Aug-21	I406009	2026-May-22	
TW	2006-Jul-11	095125279	2007-Nov-01	200742484-A	2013-Sep-01	I407822	2026-Jul-11	
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TW	2006-Nov-21	095143025	2008-Jan-16	200804917-A	2013-Nov-21	I416217	2026-Nov-21	
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TW	2006-Dec-08	095146251	2007-Aug-16	200730768-A	2013-Feb-01	I384182	2026-Dec-08	
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TW	2007-Jan-29	096103240	2008-Jan-01	200803618-A	2014-Apr-11	I434609	2027-Jan-29	
TW	2007-Apr-27	096115127	2008-Jan-01	200803605-A	2014-Jun-11	I441550	2027-Apr-27	
TW	2007-Jun-22	096122541	2008-Feb-16	200810610-A	2014-Jun-11	I441564	2027-Jun-22	

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TW	2007-Aug-06	096128882	2008-Aug-16	200834137A	2014-Sep-01	I451140	2027-Aug-06	
TW	2007-Sep-26	096135772	2008-Jun-01	200823438	2014-Jul-01	I443313	2027-Sep-26	
TW	2007-Oct-03	096137104	2008-Sep-01	200836585-A	2014-Mar-21	I432088	2027-Oct-03	
TW	2007-Oct-03	096137124	2008-Sep-16	200838351-A	2014-May-01	I436682	2027-Oct-03	
TW	2007-Nov-07	096142100	2008-Sep-01	200836586-A	2014-May-21	I439177	2027-Nov-07	
TW	2007-Dec-05	096146364	2008-Oct-16	200841767-A	2014-Oct-01	I455645	2027-Dec-05	
TW	2008-Apr-14	097113528	2009-Feb-16	200908386-A	2014-Mar-01	I429101	2028-Apr-14	Yes
TW	2008-Apr-24	097115122	2009-Mar-16	200913786-A	2014-Oct-01	I455651	2028-Apr-24	
TW	2008-May-13	097117601	2009-Feb-01	200905543-A	2015-Jan-01	I467461	2028-May-13	
TW	2008-May-26	097119402	2009-Feb-16	200907248-A	2014-Jan-11	I422782	2028-May-26	Yes
TW	2008-Jun-24	097123569	2009-May-01	200920172-A	2014-Nov-01	I459852	2028-Jun-24	
TW	2008-Jun-30	097124610	2009-May-16	200922370-A	2014-Nov-01	I459853	2028-Jun-30	
TW	2008-Jul-21	097127685	2009-Apr-16	200916687-A	2014-Nov-21	I461627	2028-Jul-21	
TW	2008-Sep-24	097136708	2009-Sep-01	200936949-A	2015-Sep-21	I500880	2028-Sep-24	Yes
TW	2008-Nov-27	097146017	2009-Jul-16	200932037-A	2016-Oct-11	I554145	2028-Nov-27	
TW	2009-Apr-06	98111341	2009-Nov-01	200945946	2014-Sep-11	I452938	2029-Apr-06	
TW	2009-Jul-08	098123125	2010-Feb-16	201007075-A	2015-Jul-01	I490429	2029-Jul-08	Yes
TW	2009-Jul-27	098125271			2015-Aug-11	I496408	2029-Jul-27	Yes
TW	2009-Aug-28	98128974	2010-Jun-16	201023685	2015-Nov-11	I508622	2029-Aug-28	
TW	2009-Oct-09	098134414	2010-Jul-16	201028046-A	2015-Oct-01	I503052	2029-Oct-09	Yes
TW	2009-Nov-03	098137257	2010-Jul-16	201026986-A	2016-Mar-01	I524027	2029-Nov-03	Yes
TW	2009-Nov-16	098138871	2010-Jul-01	201024617-A	2016-Jan-01	I515390	2029-Nov-16	Yes
TW	2010-Jan-06	099100197	2010-Aug-16	201030272-A	2016-Jul-21	I542813	2030-Jan-06	
TW	2010-Jan-06	099100196	2010-Aug-16	201030271-A	2016-Jul-21	I542812	2030-Jan-06	
TW	2010-Mar-30	099109679	2011-Jan-16	201102563-A	2016-Mar-01	I524030	2030-Mar-30	Yes
TW	2010-Jun-14	099119319	2011-Apr-01	201111737-A	2016-Jun-11	I537539	2030-Jun-14	Yes
TW	2010-Jul-14	099123193	2011-Apr-01	201112862-A	2016-Jun-11	I538553	2030-Jul-14	Yes
TW	2010-Jul-21	099124034	2011-May-16	201117637-A	2016-Dec-01	I561108	2030-Jul-21	
TW	2010-Sep-20	099131873	2011-May-16	201117664-A	2016-Feb-11	I522009	2030-Sep-20	Yes
TW	2011-May-09	100116214	2012-Feb-16	201207300-A	2017-Apr-21	I579500	2031-May-09	Yes
TW	2011-Jun-17	100121302	2012-Feb-16	201208460-A	2017-Mar-21	I576003	2031-Jun-17	Yes
TW	2012-May-11	101101290	2012-Nov-01	201243235-A	2017-Feb-21	I571599	2032-May-11	Yes
US	1993-Apr-06	09/095876		US 5959413	1999-Sep-28	5959413	2013-Apr-06	
US	1996-Sep-03	08/707274			1999-Jun-01	5909429	2016-Sep-03	
US	1997-Apr-10	08/833889		US 6175195	2001-Jan-16	6175195	2017-Apr-10	Yes
US	1997-Jul-14	08/892049		US 5847507	1998-Dec-08	5847507	2017-Jul-14	Yes
US	1997-Aug-26	08/920156		US 6016038	2000-Jan-18	6016038	2017-Aug-26	
US	1997-Oct-14	08/943310		US 5947587	1999-Sep-07	5947587	2017-Oct-14	
US	1998-Jan-23	09/012319		US 6250774	2001-Jun-26	6250774	2018-Jan-23	
US	1998-Jul-28	09/493119		US 6796680	2004-Sep-28	6796680	2018-Jul-28	
US	1998-Aug-03	09/128148		US 6094014	2000-Jul-25	6094014	2018-Aug-03	
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US	1998-Dec-17	09/213548		US 6166496	2000-Dec-26	6166496	2017-Aug-26	
US	1998-Dec-17	09/215624		US 6528954	2003-Mar-04	6528954	2017-Aug-26	
US	1998-Dec-17	09/213537		US 6292901	2001-Sep-18	6292901	2017-Aug-26	
US	1998-Dec-17	09/213659		US 6211626	2001-Apr-03	6211626	2017-Aug-26	
US	1998-Dec-17	09/213581		US 7038398	2006-May-02	7038398	2017-Aug-26	
US	1998-Dec-17	09/213189		US 6459919	2002-Oct-01	6459919	2017-Aug-26	
US	1998-Dec-17	09/213540	2001-Oct-11	US 6720745	2004-Apr-13	6720745	2017-Aug-26	
US	1998-Dec-18	09/216262		US 6127783	2000-Oct-03	6127783	2018-Dec-18	
US	1999-Mar-26	09/277645		US 6200002	2001-Mar-13	6200002	2019-Mar-26	Yes
US	1999-Jun-15	09/333739	2003-Apr-24	US 7352339	2008-Apr-01	7352339	2017-Dec-25	
US	1999-Jun-29	09/342828		US 6147458	2000-Nov-14	6147458	2019-Jun-29	
US	1999-Aug-10	09/371374		US 6340864	2002-Jan-22	6340864	2019-Aug-10	
US	1999-Sep-03	09/786457		US 6676284	2004-Jan-13	6676284	2019-Sep-03	
US	1999-Sep-15	09/396561		US 6234645	2001-May-22	6234645	2019-Sep-15	
US	1999-Sep-24	09/406284		US 6234648	2001-May-22	6234648	2019-Sep-24	
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US	1999-Nov-01	09/431584		US 6194839	2001-Feb-27	6194839	2019-Nov-01	
US	1999-Nov-01	09/431583		US 6249088	2001-Jun-19	6249088	2019-Nov-01	
US	1999-Nov-24	09/856806		US 6609813	2003-Aug-26	6609813	2019-Nov-24	
US	1999-Dec-02	09/453420		US 6513949	2003-Feb-04	6513949	2019-Dec-02	
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US	2000-May-30	09/509433		US 7645056	2010-Jan-12	7645056	2020-May-30	Yes
US	2000-Jun-22	09/599791		US 6601982	2003-Aug-05	6601982	2020-Jul-14	Yes

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US	2000-Jul-27	09/626905		US 6340868	2002-Jan-22	6340868	2017-Aug-26	
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US	2000-Dec-21	09/746034	2002-Jun-27	US 2002080622 A1	2003-Apr-15	6547416	2021-Apr-13	Yes
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US	2000-Dec-27	09/749154		US 6495964	2002-Dec-17	6495964	2019-Feb-05	
US	2001-Jan-03	09/754170	2001-Jul-12	US 6478453	2002-Nov-12	6478453	2021-Feb-17	
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US	2001-Jul-26	09/917294	2002-Apr-18	US 7031920	2006-Apr-18	7031920	2019-Sep-22	
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US	2002-Jun-17	10/174499	2003-Mar-27	US 6975079	2005-Dec-13	6975079	2018-Dec-25	
US	2002-Jun-25	10/179352	2003-Dec-25	US 2003234342 A1	2006-Feb-14	6998594	2022-Aug-03	
US	2002-Jul-18	10/483862		US 6972525	2005-Dec-06	6972525	2022-Jul-30	
US	2002-Jul-18	10/483861	2004-Sep-16	US 6922022	2005-Jul-26	6922022	2022-Jul-18	
US	2002-Jul-29	10/489044	2004-Dec-16	US 7323676	2008-Jan-29	7323676	2022-Oct-02	
US	2002-Sep-17	10/245786	2003-Jul-24	US 6965205	2005-Nov-15	6965205	2017-Aug-26	
US	2002-Sep-25	10/254273	2003-Jan-30	US 6793374	2004-Sep-21	6793374	2019-Sep-16	
US	2002-Sep-26	10/255565	2003-May-29	US 7308296	2007-Dec-11	7308296	2017-Nov-06	
US	2002-Oct-25	10/281414	2003-Mar-13	US 6745506	2004-Jun-08	6745506	2021-Jan-04	Yes
US	2002-Nov-04	10/287221	2003-Apr-10	US 6676282	2004-Jan-13	6676282	2020-Jun-22	Yes
US	2002-Nov-19	10/299870		US 6762562	2004-Jul-13	6762562	2022-Nov-19	
US	2002-Nov-22	10/302315	2003-Apr-10	US 6692136	2004-Feb-17	6692136	2019-Dec-02	
US	2002-Dec-19	10/323445	2003-May-08	US 7071762	2006-Jul-04	7071762	2021-Jan-31	
US	2003-Feb-06	10/504139	2005-Apr-28	US 7463070	2008-Dec-09	7463070	2024-Jan-18	
US	2003-Feb-06	10/360594	2004-Aug-19	US 7202613	2007-Apr-10	7202613	2021-May-30	

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US	2003-Apr-22	10/420506	2004-Feb-19	US 6969954	2005-Nov-29	6969954	2021-Aug-07	
US	2003-May-09	10/435687	2004-Oct-28	US 7038399	2006-May-02	7038399	2021-Jul-09	
US	2003-May-19	10/440117		US 6989807	2006-Jan-24	6989807	2024-Jun-09	
US	2003-Aug-28	10/650476	2004-May-13	US 7204622	2007-Apr-17	7204622	2024-Jan-09	
US	2003-Sep-17	10/664415	2004-Jun-17	US 7042172	2006-May-09	7042172	2023-May-09	Yes
US	2003-Oct-03	10/678971	2004-Jul-08	US 7300192	2007-Nov-27	7300192	2022-Dec-20	
US	2003-Oct-09	10/684066		US 6930452	2005-Aug-16	6930452	2023-Oct-09	
US	2003-Oct-30	10/698019	2004-Aug-12	US 7132804	2006-Nov-07	7132804	2019-Jun-28	
US	2003-Nov-04	10/701132	2004-May-13	US 7161311	2007-Jan-09	7161311	2017-Aug-26	
US	2003-Nov-10	10/705643	2004-Jun-03	US 7387405	2008-Jun-17	7387405	2018-Dec-17	
US	2003-Nov-11	10/536260	2006-Jul-06	US 7314289	2008-Jan-01	7314289	2024-May-07	
US	2003-Nov-26	10/723711		US 7144135	2006-Dec-05	7144135	2023-Nov-26	Yes
US	2003-Dec-02	10/726854		US 7030572	2006-Apr-18	7030572	2024-Mar-19	
US	2003-Dec-08	10/730816	2004-Sep-09	US 7182480	2007-Feb-27	7182480	2023-Dec-08	
US	2003-Dec-11	10/539981		US 7262559	2007-Aug-28	7262559	2024-Jan-15	
US	2003-Dec-12	10/539980	2006-Mar-23	US 7432668	2008-Oct-07	7432668	2024-May-06	
US	2004-Jan-12	10/755156		US 7118248	2006-Oct-10	7118248	2020-Feb-28	
US	2004-Feb-27	10/789062	2004-Oct-28	US 6933685	2005-Aug-23	6933685	2021-Dec-27	
US	2004-Mar-18	10/803540	2004-Dec-23	US 7180252	2007-Feb-20	7180252	2020-Feb-24	
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US	2004-Apr-12	10/822579		US 6853151	2005-Feb-08	6853151	2022-Nov-19	
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US	2004-Apr-30	10/555680	2006-Nov-30	US 7511436	2009-Mar-31	7511436	2025-Apr-19	
US	2004-May-05	10/839765	2005-Jun-16	US 7178941	2007-Feb-20	7178941	2024-May-05	
US	2004-May-10	10/842257	2004-Dec-02	US 7253566	2007-Aug-07	7253566	2018-Jun-06	
US	2004-May-14	10/846775	2004-Oct-28	US 7427840	2008-Sep-23	7427840	2019-Sep-21	
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US	2004-Jul-21	10/897309	2005-Mar-24	US 7255458	2007-Aug-14	7255458	2024-Jul-21	
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US	2004-Aug-11	10/916018	2005-Mar-24	US 7135824	2006-Nov-14	7135824	2017-Sep-29	
US	2004-Aug-11	10/915947	2005-Feb-17	US 7449847	2008-Nov-11	7449847	2023-Aug-04	
US	2004-Aug-31	10/930345	2005-Feb-10	US 7255457	2007-Aug-14	7255457	2021-Mar-17	
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US	2004-Sep-07	10/570866	2007-Jan-11	US 7521872	2009-Apr-21	7521872	2025-Feb-09	
US	2004-Sep-07	10/935329	2005-Feb-24	US 7132785	2006-Nov-07	7132785	2023-Nov-07	Yes
US	2004-Sep-21	10/572846	2006-Dec-28	US 7714521	2010-May-11	7714521	2027-Sep-12	
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US	2004-Nov-05	10/578650	2007-Apr-12	US 7573729	2009-Aug-11	7573729	2025-Jan-05	
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US	2004-Nov-22	10/995038	2005-Nov-10	US 7502034	2009-Mar-03	7502034	2024-Nov-22	
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US	2005-Feb-28	11/069388	2005-Sep-22	US 7652300	2010-Jan-26	7652300	2026-Jan-04	Yes
US	2005-Mar-14	11/079904	2005-Sep-29	US 2005213353 A1	2009-Jul-07	7557521	2025-Sep-23	
US	2005-Mar-14	11/079905	2005-Oct-06	US 2005219872 A1	2008-Apr-15	7358706	2026-Mar-16	
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US	2005-Mar-14	11/079928	2005-Oct-06	US 2005218838 A1	2007-Jun-19	7233115	2025-Jul-30	
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US	2005-Apr-27	11/568626	2008-Nov-20	US 7675238	2010-Mar-09	7675238	2027-Mar-13	
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US	2005-Jun-28	11/570944	2008-Nov-13	US 7667409	2010-Feb-23	7667409	2026-Oct-20	
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US	2005-Jul-14	11/572229	2008-Apr-24	US 7791289	2010-Sep-07	7791289	2027-Dec-31	
US	2005-Jul-18	11/572279	2008-Jan-10	US 7656100	2010-Feb-02	7656100	2027-Jan-31	
US	2005-Aug-02	11/573050	2008-Mar-20	US 7566155	2009-Jul-28	7566155	2026-Jan-20	

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US	2005-Aug-02	11/573051	2008-Apr-24	US 7722211	2010-May-25	7722211	2026-May-20	Yes
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US	2005-Sep-12	11/575332	2008-Dec-25	US 7670038	2010-Mar-02	7670038	2026-Aug-10	Yes
US	2005-Sep-19	11/575761	2008-Jun-12	US 7810974	2010-Oct-12	7810974	2026-Nov-13	
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US	2005-Oct-12	10/557817	2007-Jul-05	US 7738002	2010-Jun-15	7738002	2027-May-05	
US	2005-Oct-17	11/577366	2008-Apr-10	US 7504781	2009-Mar-17	7504781	2025-Oct-24	
US	2005-Oct-26	11/577995	2008-Jun-12	US 7906917	2011-Mar-15	7906917	2028-Jul-13	
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US	2005-Nov-25	11/719888	2009-Sep-17	US 8063577	2011-Nov-22	8063577	2028-Jan-18	
US	2005-Nov-28	11/720629	2010-May-06	US 8026532	2011-Sep-27	8026532	2026-Mar-22	Yes
US	2005-Dec-02	11/721512		US 7719209	2010-May-18	7719209	2026-Jan-27	
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US	2006-Jan-03	11/325080	2007-Jul-05	US 2007152797 A1	2009-Nov-17	7619370	2028-Jan-06	
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US	2006-Jan-18	11/813351	2008-Aug-28	US 7808191	2010-Oct-05	7808191	2027-Dec-26	
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US	2006-Mar-02	11/366364	2006-Sep-14	US 7538499	2009-May-26	7538499	2027-Feb-20	
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US	2006-Jul-05	11/995347	2008-Sep-11	US 7652237	2010-Jan-26	7652237	2026-Aug-06	
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US	2006-Aug-28	11/467713	2006-Dec-21	US 7350936	2008-Apr-01	7350936	2020-Nov-20	
US	2006-Sep-15	12/088434	2008-Oct-16	US 7806577	2010-Oct-05	7806577	2027-Oct-04	Yes
US	2006-Sep-25	12/088360	2008-Nov-06	US 7802902	2010-Aug-28	7802902	2027-Jun-24	
US	2006-Oct-02	12/089236	2008-Nov-06	US 7893661	2011-Feb-22	7893661	2028-Mar-10	
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US	2006-Oct-13	11/549593	2008-Sep-18	US 7687753	2010-Mar-30	7687753	2025-Oct-10	
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US	2006-Oct-27	11/553512		US 8142051	2012-Mar-27	8142051	2027-Feb-19	Yes
US	2006-Nov-07	12/092716	2008-Nov-13	US 7520636	2009-Apr-21	7520636	2026-Nov-07	
US	2006-Nov-13	12/093463	2008-Oct-16	US 7914173	2011-Mar-29	7914173	2027-Apr-28	
US	2006-Nov-17	11/561031	2007-Apr-19	US 7809448	2010-Oct-05	7809448	2020-Aug-23	
US	2006-Nov-20	12/094616	2008-Dec-04	US 7731390	2010-Jun-08	7731390	2026-Nov-20	
US	2006-Dec-06	12/096801	2008-Oct-30	US 8356904	2013-Jan-22	8356904	2029-May-23	
US	2006-Dec-11	12/096613	2008-Dec-04	US 7878688	2011-Feb-01	7878688	2027-Aug-16	
US	2006-Dec-12	12/096926	2008-Dec-11	US 8004211	2011-Aug-23	8004211	2027-Dec-31	Yes
US	2006-Dec-13	12/097927	2009-Jan-01	US 9474134	2016-Oct-18	9474134	2026-Dec-13	
US	2006-Dec-20	11/613442	2007-Apr-19	US 7358681	2008-Apr-15	7358681	2025-Apr-06	
US	2006-Dec-20	12/158019	2009-May-28	US 7999484	2011-Aug-16	7999484	2027-Sep-26	
US	2006-Dec-22	11/615124	2007-Sep-06	US 7550935	2009-Jun-23	7550935	2021-Nov-30	
US	2007-Jan-22	11/625608	2007-May-24	US 7959320	2011-Jun-14	7959320	2020-Nov-20	
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US	2007-Jan-26	12/162372	2009-Jan-22	US 8217587	2012-Jul-10	8217587	2028-Aug-24	
US	2007-Feb-08	11/672664	2007-Jun-28	US 8207821	2012-Jun-26	8207821	2027-May-28	
US	2007-Mar-02	12/282845	2009-May-21	US 7980726	2011-Jul-19	7980726	2028-Jan-16	
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US	2007-Mar-12	60/894,295						Yes
US	2007-Mar-15	11/686491	2007-Dec-20	US 7550931	2009-Jun-23	7550931	2022-Jan-07	
US	2007-Apr-01	60/909,458						Yes
US	2007-Apr-01	11/695024		US 7667408	2010-Feb-23	7667408		Yes

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US	2007-Apr-01	60/909,457						Yes
US	2007-Apr-02	11/695396	2007-Nov-29	US 7654703	2010-Feb-02	7654703	2025-Jan-28	
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US	2007-Apr-20	11/737805	2007-Aug-16	US 7495671	2009-Feb-24	7495671	2025-Jan-20	
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US	2007-May-02	12/299655	2009-Jul-16	US 8183784	2012-May-22	8183784	2029-Apr-05	
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US	2007-Oct-31	11/931684	2008-May-01	US 7731389	2010-Jun-08	7731389	2028-Aug-01	
US	2007-Nov-06	12/513520	2010-Mar-25	US 8013533	2011-Sep-06	8013533	2028-Aug-25	
US	2007-Nov-08	12/514463	2010-Mar-04	US 8217763	2012-Jul-18	8217763	2029-Mar-15	Yes
US	2007-Nov-09	11/938051		US 7781979	2010-Aug-24	7781979	2029-Feb-17	
US	2007-Nov-27	12/516027	2010-Feb-25	US 8692656	2014-Apr-08	8692656	2030-Dec-23	
US	2007-Nov-27	11/945480		US 7806558	2010-Oct-05	7806558	2028-Dec-31	
US	2007-Dec-04	12/517371	2010-Apr-08	US 8115410	2012-Feb-14	8115410	2029-Feb-05	
US	2007-Dec-04	60/992186						
US	2007-Dec-05	12/517810	2010-Dec-09	US 8174210	2012-May-08	8174210	2029-Jan-13	
US	2007-Dec-07	12/517367	2010-Apr-01	US 8412354	2013-Apr-02	8412354	2029-Mar-13	
US	2007-Dec-11	12/001642	2008-Jul-10	US 9069341	2015-Jun-30	9069341	2033-Mar-29	
US	2007-Dec-11	12/001786	2008-Sep-04	US 7868562	2011-Jan-11	7868562	2029-Jan-25	
US	2007-Dec-17	12/519187	2010-Mar-11	US 8525444	2013-Sep-03	8525444	2029-Sep-01	Yes
US	2008-Mar-12	12/047249		US 7852017	2010-Dec-14	7852017		Yes
US	2008-Mar-12	12/047258		US 8018171	2011-Sep-13	8018171		Yes
US	2008-Mar-12	12/047269		US 8174204	2012-May-08	8174204	2028-Mar-12	Yes
US	2008-Mar-19	12/531698	2010-Apr-22	US 8491161	2013-Jul-23	8491161	2029-Sep-29	
US	2008-Mar-31	12/593308	2010-Apr-29	US 8203284	2012-Jun-19	8203284	2029-Jan-06	
US	2008-Apr-04	12/593382	2010-May-13	US 8220958	2012-Jul-17	8220958	2029-Feb-16	
US	2008-Apr-04	61/042289						
US	2008-Apr-11	12/595055	2010-Jun-10	US 8226263	2012-Jul-24	8226263	2028-Oct-01	Yes
US	2008-Apr-15	12/595646	2010-May-13	US 8258707	2012-Sep-04	8258707	2028-Dec-10	
US	2008-Apr-21	12/596484	2010-Jun-03	US 8159454	2012-Apr-17	8159454	2028-Dec-05	
US	2008-Apr-23	12/596863	2010-May-13	US 8076953	2011-Dec-13	8076953	2028-Jun-29	
US	2008-Apr-28	12/598098	2010-Jun-03	US 8288957	2012-Oct-16	8288957	2029-May-06	
US	2008-May-01	12/598285	2010-Jun-03	US 8330387	2012-Dec-11	8330387	2029-Jul-03	
US	2008-May-02	12/114500	2008-Nov-20	US 7828465	2010-Nov-09	7828465	2029-Jan-30	
US	2008-May-05	12/599333	2010-Sep-23	US 7943940	2011-May-17	7943940	2028-May-07	Yes
US	2008-May-09	12/599351	2010-Dec-02	US 8816611	2014-Aug-26	8816611	2031-Dec-18	
US	2008-May-26	12/600871	2010-Jul-08	US 8425101	2013-Apr-23	8425101	2030-Mar-05	Yes
US	2008-May-30	12/602206	2010-Jul-08	US 9368071	2016-Jun-14	9368071	2031-Jul-29	
US	2008-Jun-23	12/665126	2010-Jul-29	US 8258713	2012-Sep-04	8258713	2029-Mar-04	
US	2008-Jun-26	12/146512	2009-Oct-08	US 2009251059	2012-Jul-03	8212494	2031-Jan-31	
US	2008-Jun-30	12/666826	2010-Jul-22	US 8242710	2012-Aug-14	8242710	2029-Apr-12	
US	2008-Jul-07	12/168776	2009-Apr-30	US 7988328	2011-Aug-02	7988328	2028-Jul-07	

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
US	2008-Jul-11	12/171362		US 7766509	2010-Aug-03	7766509	2028-Nov-12	Yes
US	2008-Jul-21	12/669059	2010-Aug-05	US 8159155	2012-Apr-17	8159155	2029-Apr-18	
US	2008-Aug-06	12/671714	2011-Dec-22	US 8552659	2013-Oct-08	8552659	2029-Mar-16	
US	2008-Aug-14	12/673038	2012-May-17	US 8427721	2013-Apr-23	8427721	2030-Jan-24	
US	2008-Aug-28	61/092520						
US	2008-Aug-29	12/281165	2009-Jan-22	US 8330391	2012-Dec-11	8330391	2030-Dec-06	
US	2008-Sep-16	12/679324	2010-Aug-19	US 8319406	2012-Nov-27	8319406	2029-Jan-16	Yes
US	2008-Oct-08	12/681950	2010-Aug-19	US 8390207	2013-Mar-05	8390207	2029-Nov-07	
US	2008-Nov-24	12/744088	2010-Sep-30	US 8378591	2013-Feb-19	8378591	2029-Oct-17	
US	2008-Dec-02	12/746540	2010-Sep-30	US 8400071	2013-Mar-19	8400071	2029-Oct-25	
US	2008-Dec-02	12/746551	2010-Oct-21	US 8368315	2013-Feb-05	8368315	2029-Sep-02	
US	2008-Dec-16	12/747521	2010-Oct-28	US 8523389	2013-Sep-03	8523389	2030-Mar-08	
US	2008-Dec-22	12/808910	2011-Nov-24	US 8820972	2014-Sep-02	8820972	2030-Sep-29	
US	2008-Dec-29	12/810535	2011-Feb-10	US 8938468	2015-Jan-20	8938468	2030-Oct-06	
US	2008-Dec-30	12/345953	2010-Jun-17	US 8013281	2011-Sep-06	8013281	2020-Dec-20	
US	2008-Dec-31	12/347138		US 8212491	2012-Jul-03	8212491	2028-Dec-31	Yes
US	2009-Jan-13	12/352750		US 8070328	2011-Dec-06	8070328	2029-Dec-22	
US	2009-Jan-30	12/363268	2010-Aug-05	US 2010195333 A1	2012-Aug-21	8246212	2030-Sep-18	
US	2009-Jan-30	12/363663		US 7988327	2011-Aug-02	7988327	2029-Aug-07	
US	2009-Jan-30	12/363281	2010-Aug-05	US 2010195323 A1	2012-Apr-17	8157414	2030-Jan-18	Yes
US	2009-Jan-30	12/363286	2010-Aug-05	US 2010195330 A1	2012-Oct-16	8287150	2029-Jan-30	
US	2009-May-20	12/993284	2011-Mar-17	US 8434913	2013-May-07	8434913	2030-May-14	Yes
US	2009-May-28	12/473739	2010-Sep-16	US 2010231133	2017-Jun-27	9693413	2032-Jan-12	
US	2009-May-29	12/474714		US 8536794	2013-Sep-17	8536794		Yes
US	2009-Jul-10	13/002573	2011-May-12	US 8492179	2013-Jul-23	8492179	2029-Jul-29	Yes
US	2009-Jul-22	13/055213	2011-Jun-02	US 8493004	2013-Jul-23	8493004	2030-Mar-16	
US	2009-Jul-22	13/055517	2011-May-19	US 8466627	2013-Jun-18	8466627	2030-Mar-07	
US	2009-Sep-02	13/120347	2011-Jul-21	US 8552662	2013-Oct-08	8552662	2030-Jun-14	Yes
US	2009-Sep-04	13/062955	2011-Jul-07	US 8579473	2013-Nov-12	8579473	2030-Jul-11	Yes
US	2009-Oct-07	12/575272	2010-Apr-15	US 8829812	2014-Sep-09	8829812	2029-Oct-07	
US	2009-Oct-07	61/249483						
US	2009-Oct-26	61/279750						Yes
US	2009-Oct-26	61/279755						Yes
US	2009-Oct-26	61/279750						Yes
US	2009-Nov-03	13/126196	2011-Aug-25	US 8414138	2013-Apr-09	8414138	2029-Dec-26	Yes
US	2009-Nov-10	12/615513	2010-Feb-25	US 2010046227				
US	2009-Nov-12	13/128945	2011-Oct-13	US 8314537	2012-Nov-20	8314537	2029-Nov-12	Yes
US	2009-Nov-27	13/133457						Yes
US	2009-Nov-30	12/627461		US 8096691	2012-Jan-17	8096691	2020-May-30	Yes
US	2009-Nov-30	13/143634	2011-Nov-03	US 8292471	2012-Oct-23	8292471	2029-Nov-30	
US	2009-Dec-28	13/061154	2011-Jun-23	US 2011148313	2017-Jul-11	9706612	2033-Sep-28	
US	2009-Dec-30	12/650139		US 8317371	2012-Nov-27	8317371	2029-Dec-30	
US	2010-Jan-04	13/143733	2011-Nov-03	US 8628220	2014-Jan-14	8628220	2030-Sep-24	
US	2010-Jan-05	13/143608	2011-Nov-10	US 8602621	2013-Dec-10	8602621	2030-Jul-23	
US	2010-Jan-27	12/694353	2010-May-27	US 7986103	2011-Jul-26	7986103	2025-Jun-28	
US	2010-Mar-11	61/339907						Yes
US	2010-Mar-15	13/259165	2012-Apr-19	US 2012091902	2017-Mar-07	9591725	2030-Mar-15	Yes
US	2010-Mar-30	13/260752	2012-Feb-02	US 8556456	2013-Oct-15	8556456	2030-Jul-15	Yes
US	2010-Apr-01	13/264164	2012-Feb-09	US 8698646	2014-Apr-15	8698646	2030-Oct-05	Yes
US	2010-Apr-23	13/318788	2012-Jun-21	US 9175817	2015-Nov-03	9175817	2030-Apr-23	Yes
US	2010-May-05	13/320987	2012-Mar-15	US 8531111	2013-Sep-10	8531111	2030-Sep-18	Yes
US	2010-May-07	12/775484	2011-Jan-06	US 8267549	2012-Sep-18	8267549	2030-May-07	
US	2010-May-17	61/395589						Yes
US	2010-May-21	13/321848	2012-Mar-22	US 9360203	2016-Jun-07	9360203	2030-May-21	Yes
US	2010-May-21	12/785383	2011-Apr-28	US 8441202	2013-May-14	US8441202	2030-May-21	Yes
US	2010-May-26	13/322704	2012-Jun-28	US 8894238	2014-Nov-25	8894238	2030-May-26	Yes
US	2010-Jun-04	13/376294	2012-Nov-01	US 9184497	2015-Nov-10	9184497	2030-Jun-04	Yes
US	2010-Jun-08	12/795816	2010-Sep-23	US 7950825	2011-May-31	7950825		
US	2010-Jun-09	13/378381	2012-Jun-21	US 8633650	2014-Jan-21	8633650	2030-Jun-09	Yes
US	2010-Jun-11	13/379037	2012-May-03	US 8845146	2014-Sep-30	8845146	2030-Jun-11	Yes
US	2010-Jun-14	13/379052	2012-Apr-26	US 8227968	2012-Jul-24	8227968	2030-Jun-14	Yes
US	2010-Jun-16	12/817143	2010-Oct-07	US 8047699	2011-Nov-01	8047699	2030-Jun-16	
US	2010-Jun-16	12/817146	2010-Sep-30	US 8262272	2012-Sep-11	8262272	2030-Jun-16	
US	2010-Jun-16	12/817144	2010-Oct-07	US 8016459	2011-Sep-13	8016459	2030-Jun-16	
US	2010-Jul-08	12/832358	2010-Oct-28	US 7959326	2011-Jun-14	7959326	2028-Nov-12	Yes
US	2010-Jul-09	61/363161						Yes
US	2010-Jul-09	61/363161						Yes
US	2010-Jul-14	13/386479	2012-May-17	US 8939605	2015-Jan-27	8939605	2030-Jul-14	

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CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
US	2010-Jul-19	13/386488	2012-Jul-12	US 9468079	2016-Oct-11	9468079	2030-Jul-19	Yes
US	2010-Jul-21	12/840301	2011-Mar-10	US 8246200	2012-Aug-21	8246200	2030-Jul-21	
US	2010-Jul-27	13/386700	2012-May-24	US 8723431	2014-May-13	8723431	2031-Feb-10	Yes
US	2010-Aug-11	12/854200	2011-Mar-03	US 8120279	2012-Feb-21	8120279	2025-Oct-04	
US	2010-Aug-18	13/392543	2012-Jun-21	US 8624513	2014-Jan-07	8624513		Yes
US	2010-Aug-30	13/391557	2012-Jun-14	US 8860314	2014-Oct-14	8860314	2030-Aug-30	Yes
US	2010-Sep-01	13/391646	2012-Jun-14	US 8629622	2014-Jan-14	8629622	2031-Jan-17	Yes
US	2010-Sep-07	13/496275	2012-Jul-05	US 9167652	2015-Oct-20	9167652	2030-Sep-07	Yes
US	2010-Sep-09	13/202468	2012-Jul-05	US 8622577	2014-Jan-07	8622577	2030-Sep-09	Yes
US	2010-Sep-09	13/392886	2012-Jun-21	US 8610374	2013-Dec-17	8610374	2031-Jan-15	Yes
US	2010-Sep-24	12/889760	2011-Jan-20	US 7891844	2011-Feb-22	7891844	2027-Mar-15	Yes
US	2010-Sep-29	13/500101	2012-Aug-02	US 9039252	2015-May-26	9039252	2030-Sep-29	Yes
US	2010-Oct-08	12/900535	2011-Feb-03	US 8240900	2012-Aug-14	8240900	2025-Sep-19	
US	2010-Oct-26	12/912613	2011-Oct-06	US 8283875	2012-Oct-09	US8283875	2030-Oct-26	Yes
US	2010-Oct-26	12/912576	2011-Aug-25	US 8203277	2012-Jun-19	US8203277	2030-Oct-26	Yes
US	2010-Oct-29	13/505767	2012-Sep-06	US 9338860	2016-May-10	9338860	2030-Oct-29	Yes
US	2010-Nov-22	13/513870	2012-Nov-08	US 8668354	2014-Mar-11	8668354	2030-Nov-22	Yes
US	2010-Nov-25	13/093700	2012-Apr-26	US 8686668	2014-Apr-01	8686668	2031-Oct-23	Yes
US	2010-Dec-22	12/975991	2011-Apr-21	US 8408741	2013-Apr-02	8408741	2028-Aug-20	
US	2011-Feb-28	13/582417	2012-Dec-20	US 8729781	2014-May-20	8729781		Yes
US	2011-Mar-11	13/636165	2013-Jun-06	US 2013141001	2016-Nov-01	9485833	2031-Mar-11	Yes
US	2011-Mar-25	13/072638	2011-Nov-03	US 8339066	2012-Dec-25	US8339066	2031-Mar-25	Yes
US	2011-Apr-01	13/639877	2013-Feb-21	US 9151469	2015-Oct-06	9151469	2031-Apr-01	
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US	2011-Apr-06	13/122921	2011-Aug-11	US 8569969	2013-Oct-29	8569969	2032-Jan-13	Yes
US	2011-Apr-27	13/695800	2013-Feb-28	US 8979337	2015-Mar-17	8979337	2031-Apr-27	Yes
US	2011-May-16	13/108407	2013-Sep-12	US 8760043	2014-Jun-24	8760043	2031-May-16	Yes
US	2011-May-16	13/108551	2011-Sep-08	US 8434897	2013-May-07	8434897	2028-May-02	
US	2011-Jun-16	13/703717	2013-Oct-24	US 9288866	2016-Mar-15	9288866	2031-Jun-16	Yes
US	2011-Jun-20	61/498864						Yes
US	2011-Jun-24	13/810787	2013-May-09	US 8858248	2014-Oct-14	8858248	2031-Jun-24	Yes
US	2011-Jun-30	13/806340	2013-Apr-18	US 8845127	2014-Sep-30	8845127	2031-Jun-30	Yes
US	2011-Jul-29	13/194699		US 8749173	2014-Jun-10	8749173		Yes
US	2011-Aug-05	13/819884	2013-Jun-20	US 2013159754				Yes
US	2011-Aug-09	13/206,212		US 8188677	2012-May-29	8,188,677	2031-Aug-09	Yes
US	2011-Aug-11	13/816953	2013-Jun-13	US 9057492	2015-Jun-16	9057492	2031-Aug-11	Yes
US	2011-Aug-15	61/523542						Yes
US	2011-Aug-18	13/212537	2011-Dec-15	US 8773042	2014-Jul-08	8773042		Yes
US	2011-Oct-06	61/543861						Yes
US	2011-Oct-19	61/548882						Yes
US	2011-Oct-20	61/549360						Yes
US	2011-Nov-04	61/555647						Yes
US	2011-Nov-11	61/558,529						Yes
US	2011-Nov-15	13/988140	2013-Sep-12	US 9119260	2015-Aug-25	9119260	2031-Nov-15	Yes
US	2011-Nov-16	61/560409						Yes
US	2011-Nov-25	13/093705	2012-Mar-15	US 8598804	2013-Dec-03	US8598804	2031-Nov-25	Yes
US	2011-Dec-22	13/334118	2012-Apr-19	US 8456089	2013-Jun-04	8456089	2031-Dec-22	
US	2012-Jan-06	61/583654						Yes
US	2012-Jan-11	13/978549	2014-Jan-02	US 9249965	2016-Feb-02	9249965	2032-Jan-11	Yes
US	2012-Jan-13	61/586156						Yes
US	2012-Jan-13	61/586140						Yes
US	2012-Feb-01	61/593354						Yes
US	2012-Feb-01	61/593378						Yes
US	2012-Feb-02	61/593919						Yes
US	2012-Feb-02	61/593906						Yes
US	2012-Feb-17	61/600,330						Yes
US	2012-Feb-24	61/602710						Yes
US	2012-Mar-12	13/417622	2012-Jul-05	US 8816602	2014-Aug-26	8816602	2032-Mar-12	
US	2012-Mar-16	14/006988	2014-Jan-09	US 9377186	2016-Jun-28	9377186	2032-Mar-16	Yes
US	2012-Mar-20	61/613121						Yes
US	2012-Mar-22	14/007402	2014-Jan-30	US 2014029247	2017-Mar-07	9587815	2032-Mar-22	Yes
US	2012-Mar-27	61/615927						Yes
US	2012-Mar-27	14/008580	2014-Jan-23	US 9301354	2016-Mar-29	9301354	2032-Mar-27	Yes
US	2012-Mar-27	13/431569		US 8482220	2013-Jul-09	8482220	2028-Mar-12	Yes
US	2012-Mar-29	61/617108						Yes
US	2012-Apr-02	14/042751	2015-Apr-02	US 2015092419				
US	2012-Apr-05	61/620495						Yes
US	2012-May-03	61/641949						Yes

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US	2012-May-08	61/643976						Yes
US	2012-May-14	14/117047	2018-Feb-01	US-2018-0035503-A1				Yes
US	2012-May-28	13/481898	2012-Sep-20	US 8344630	2013-Jan-01	US8344630	2032-May-28	Yes
US	2012-Jun-01	14/126527	2014-May-01	US 9249962	2016-Feb-02	9249962	2032-Jun-01	Yes
US	2012-Jun-04	13/487305	2012-Sep-20	US 8575786	2013-Nov-05	8575786	2032-Jun-04	
US	2012-Jun-05	61/655548						Yes
US	2012-Jun-05	13/488580		US 8581504	2013-Nov-12	8581504		Yes
US	2012-Jun-25	13/531661	2012-Oct-18	US 8491154	2013-Jul-23	8491154	2032-Jun-25	Yes
US	2012-Jul-12	61/670682						Yes
US	2012-Aug-02	14/237913	2014-Jul-24	US 9357600	2016-May-31	9357600	2032-Aug-02	Yes
US	2012-Aug-31	61/695809						Yes
US	2012-Sep-26	61/705655						Yes
US	2012-Oct-05	14/346808	2014-Aug-21	US 2014232299				Yes
US	2012-Oct-15	13/651777	2013-Feb-14	US 8672519	2014-Mar-18	8672519	2032-Oct-15	
US	2012-Oct-17	14/352934	2014-Sep-18	US 9101013	2015-Aug-04	9101013	2032-Oct-17	Yes
US	2012-Oct-19	14/352034	2014-Sep-11	US 8946978	2015-Feb-03	8946978	2032-Oct-19	Yes
US	2012-Oct-19	14/358278	2014-Oct-23	US 9332603	2016-May-03	9332603	2032-Oct-19	Yes
US	2012-Oct-29	14/356184	2014-Oct-23	US 9253831	2016-Feb-02	9253831	2032-Oct-29	Yes
US	2012-Nov-09	13/673879		US 8912734	2014-Dec-16	8912734		Yes
US	2012-Nov-15	61/726624						Yes
US	2012-Dec-05	13/706104	2013-Apr-18	US 8547024	2013-Oct-01	US8547024	2032-Dec-05	Yes
US	2012-Dec-11	14/365133		US 9380658	2016-Jun-28	9380658	2032-Dec-11	Yes
US	2012-Dec-26	13/726793	2013-May-09	US 8807765	2014-Aug-19	8807765	2032-Dec-26	
US	2013-Jan-02	14/350829	2014-Nov-13	US 9072142	2015-Jun-30	9072142	2033-Jan-02	Yes
US	2013-Jan-02	14/370607	2014-Dec-25	US 8975820	2015-Mar-10	8975820	2033-Jan-02	Yes
US	2013-Jan-10	14/371867	2015-Jan-01	US 9279547	2016-Mar-08	9279547	2033-Jan-10	Yes
US	2013-Jan-15	14/375245	2015-Jan-22	US 9198250	2015-Nov-24	9198250	2033-Jan-15	Yes
US	2013-Jan-18	14/375180	2015-Jan-01	US 2015002040	2017-Aug-22	9743467	2033-Jan-18	Yes
US	2013-Jan-25	14/372846	2014-Dec-04	US 9326344	2016-Apr-26	9326344	2033-Jan-25	Yes
US	2013-Jan-25	14/375225	2015-Jan-22	US 2015221007	2017-Jan-10	9544966	2033-Jan-25	Yes
US	2013-Feb-04	13/757919	2014-Jul-10	US 9429279	2016-Aug-30	9429279	2028-Oct-08	
US	2013-Feb-08	14/376253	2015-Jan-29	US 9282605	2016-Mar-08	9282605	2033-Feb-08	Yes
US	2013-Feb-22	14/377197			2016-Dec-20	9526133	2033-Feb-22	Yes
US	2013-Mar-06	13/786585	2013-Jul-18	US 9060398	2015-Jun-16	9060398	2025-Jun-03	
US	2013-Mar-07	14/388437		US 9210750	2015-Dec-08	9210750		Yes
US	2013-Mar-08	14/385776		US 9326340	2016-Apr-26	9326340		Yes
US	2013-Mar-15	13/833587		US 9184666	2015-Nov-10	9184666		Yes
US	2013-Mar-20	14/387260		US 9445465	2016-Sep-13	9445465		Yes
US	2013-Apr-02	14/390664	2015-Feb-05	US 2015035452	2017-Jan-03	9538592		Yes
US	2013-Apr-16	14/395532			2016-Oct-25	9476580		Yes
US	2013-Apr-26	14/394763						Yes
US	2013-May-22	14/403631	2015-Jun-11	US 2015159813	2017-May-09	9644798	2033-Sep-25	Yes
US	2013-Jun-13	13/917194		US 8963449	2015-Feb-24	8963449		Yes
US	2013-Jul-10	14/413013		US 9383069	2016-Jul-05	9383069		Yes
US	2013-Aug-26	14/010087	2013-Dec-26	US 9000680	2015-Apr-07	9000680		Yes
US	2013-Sep-17	14/428648			2018-Feb-13	9890942	2034-Jan-17	Yes
US	2013-Sep-24	14/428652		US 9351357	2016-May-24	9351357		Yes
US	2013-Oct-10	14/050478	2014-Feb-06	US 8979319	2015-Mar-17	8979319	2033-Oct-10	Yes
US	2013-Dec-02	14/651733		US 9351367	2016-May-24	9351367		Yes
US	2013-Dec-13	14/105615	2014-Apr-17	US 9345079	2016-May-17	9345079	2033-Dec-13	Yes
US	2014-Jan-15	14/155642	2014-May-08	US 8823274	2014-Sep-02	8823274	2034-Jan-15	Yes
US	2014-Mar-05	14/772571	2016-Feb-04	US 2016033099	2017-Nov-21	9822940	2034-Aug-12	Yes
US	2014-Mar-11	14/204557	2014-Jul-10	US 9383081	2016-Jul-05	9383081	2034-Mar-11	Yes
US	2014-Mar-12	14/779816			2017-May-16	9651730	2034-Mar-12	Yes
US	2014-Apr-02	14/782483	2016-Mar-10	US 2016073474	2017-Nov-07	9814123	2034-Jun-07	Yes
US	2014-May-12	14/274931			2017-May-23	9660547	2035-Apr-07	Yes
US	2014-Jun-04	14/895183			2016-Nov-01	9485828		Yes
US	2014-Jul-23	14/902750	2016-Jun-16	US 2016174308	2017-Aug-22	9743466	2034-Jul-23	Yes
US	2014-Aug-27	14/907994	2016-Jun-16	US 2016174329				Yes
US	2014-Oct-14	15/029722	2016-Aug-11	US 2016234902	2017-May-09	9648689	2034-Oct-14	Yes
US	2014-Nov-12	15/038131	2016-Sep-29	US 2016286621				Yes
US	2014-Dec-23	14/785932	2016-Oct-27	US 2016312965				Yes
US	2015-Jan-14	14/596617	2015-Jun-18	US 2015173146				Yes
US	2015-Jan-23	14/604065		US 9433051	2016-Aug-30	9433051		
US	2015-Jan-27	15/118668	2017-Feb-16	US 2017048934	2017-Sep-26	9775200	2035-Jan-27	Yes
US	2015-Feb-03	15116519	2016-Dec-08	US 2016356473	2017-Oct-17	9791139	2035-Feb-03	Yes
US	2015-Mar-13	15/124415	2017-Jan-19	US 2017016584				Yes
US	2015-Apr-01	14/676,449	2015-Jul-23	US 9426866	2016-Aug-23	9426866		Yes

Annex A to the LED-based Luminaire and Retrofit Bulb Patent License Agreement

List of Patents

CTY	Filing Date	Application No.	Pub. Date	Pub. No.	Grant Date	Grant No.	Expiry Date	Additional Patent
US	2015-Jun-19	15/322218	2017-May-18	2017-0142811 A1				Yes
US	2015-Jun-24	15/322667	2017-May-18	2017-0141619 A1				Yes
US	2015-Aug-25	14/835045			2017-Aug-29	9746171	2035-Sep-06	Yes
US	2015-Sep-25	15/516923	2017-Oct-26	US-2017-0311425-A1				Yes
US	2015-Nov-03	15/522722	2017-Nov-02	US-2017-0318633-A1				Yes
US	2015-Nov-23	14/948445	2016-Mar-17	US 2016077599				
US	2016-Feb-17	15/046,121	2016-Aug-25	US 9609717	2017-Mar-28	9609717	2036-Feb-17	Yes
US	2016-Apr-07	15/092966	2016-Oct-13	US 2016301247				Yes
US	2016-Apr-22	15/136367	2016-Oct-27	US 2016316536	2017-Nov-28	9832830	2036-Apr-22	Yes
US	2016-Oct-21	15/299782	2017-Feb-09	US 2017038054				Yes
WO	2014-Nov-04	PCT/CN2014/090239						Yes
WO	2015-Apr-24	PCT/CN2015/077404	2016-Oct-27	WO 2016169961				Yes
WO	2016-Nov-22	PCT/EP2016/078414	2017-Jun-01	WO 2017089341				Yes

LEGEND

CTY	Country Code as used by WIPO
App. No.	Number of the patent application at the respective patent office
Fil. Date	Filing Date
Pub. No.	Publication Number
Pub. Date	Publication Date
Grant No.	Grant Number
Grant Date	Grant Date
Expiry Date	Estimated Expiry Date*
Additional Patent	Rights marked "Yes" are Additional Patents under the EnabLED Licensing Program

* In case the estimated expiry date deviates from the actual expiry date, the latter prevails.

NOTES:

1. The above list of Patents is for information purposes only and may be updated from time to time. In the event of any discrepancy between the above information and any patent license agreement related to this licensing program, the patent license agreement shall prevail.
2. For any question, contact us at: info.SSLicensing@philips.com