

Country	Status	Patent No.
Canada	Granted	2732651
China	Granted	ZL2010800603193
China	Granted	ZL200880102372.8
China	Granted	ZL200880008030.X
China	Granted	ZL200680051506.9
China	Granted	101194457
China	Granted	ZL200480033595.5
China	Granted	101911009
China	Granted	ZL201110049399.9
China	Granted	ZL201280066783.2
China	Granted	ZL201380022194.9
China	Granted	ZL201480005200.4
France	Granted	2507708
France	Granted	3080746
France	Granted	1955465
France	Granted	2893796
France	Granted	2885711
France	Granted	1687930
France	Granted	2923305
France	Granted	2215768
France	Granted	2926651
France	Granted	2926652
France	Granted	2365659
France	Granted	2492804
France	Granted	2731006
France	Granted	2985624
France	Granted	2842232
France	Granted	3026206
France	Granted	2946284
Germany (Federal Republic of)	Granted	602010057903.4
Germany (Federal Republic of)	Granted	602014051537.1
Germany (Federal Republic of)	Granted	1955465
Germany (Federal Republic of)	Granted	1889398
Germany (Federal Republic of)	Granted	1687930
Germany (Federal Republic of)	Granted	2215768
Germany (Federal Republic of)	Granted	2365659
Germany (Federal Republic of)	Granted	2492804
Germany (Federal Republic of)	Granted	2731006
Germany (Federal Republic of)	Granted	2842232
Germany (Federal Republic of)	Granted	2946284
Israel	Granted	219906
Japan	Granted	5552541
Japan	Granted	5805249
Japan	Granted	6366595
Japan	Granted	4990908
Japan	Granted	4875700
Korea, Republic of (KR)	Granted	10-1714108
Korea, Republic of (KR)	Granted	10-1484331
Korea, Republic of (KR)	Granted	10-1345083
Korea, Republic of (KR)	Granted	10-1252318
Korea, Republic of (KR)	Granted	10-1792650
Netherlands	Granted	2507708
Netherlands	Granted	3080746
Taiwan	Granted	I440351
Taiwan	Granted	I604380
Taiwan	Granted	I449392
Taiwan	Granted	I431526
Taiwan	Granted	I438678

Taiwan	Granted	I448963
Taiwan	Granted	I418197
Taiwan	Granted	I386818
Taiwan	Granted	I403144
Taiwan	Granted	I368919
Taiwan	Granted	I462010
Taiwan	Granted	I512610
United Kingdom	Granted	2507708
United Kingdom	Granted	3080746
United Kingdom	Granted	1955465
United Kingdom	Granted	1889398
United Kingdom	Granted	1687930
United Kingdom	Granted	EP 2215768
United Kingdom	Granted	2365659
United Kingdom	Granted	2492804
United Kingdom	Granted	2731006
United Kingdom	Granted	2842232
United Kingdom	Granted	2946284
United States of America	Granted	7668310
United States of America	Granted	7941666
United States of America	Granted	9940772
United States of America	Granted	7587044
United States of America	Granted	8386800
United States of America	Granted	8707052
United States of America	Granted	9959429
United States of America	Granted	8977864
United States of America	Granted	9755822
United States of America	Granted	9569616
United States of America	Granted	9569623
United States of America	Granted	9571289
United States of America	Granted	9553722
United States of America	Granted	9576133
United States of America	Granted	9367693
United States of America	Granted	9563729
United States of America	Granted	10387597
United States of America	Granted	10530566
United States of America	Granted	10333699
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United States of America	Granted	10382193
United States of America	Granted	10311255
United States of America	Granted	10262141
United States of America	Granted	10461925
United States of America	Granted	10389520
United States of America	Granted	10454670
United States of America	Granted	9940463
United States of America	Granted	10423807
United States of America	Granted	8301890
United States of America	Granted	7644322
United States of America	Granted	US8024391
United States of America	Granted	US8280041
United States of America	Granted	US8028015
United States of America	Granted	7848515

United States of America	Granted	7805480
United States of America	Granted	7809133
United States of America	Granted	8301905
United States of America	Granted	US8619977
United States of America	Granted	US8233615
United States of America	Granted	US8559625
United States of America	Granted	8006045
United States of America	Granted	8369517
United States of America	Granted	8457919
United States of America	Granted	8572406
United States of America	Granted	9405729
United States of America	Granted	9977899
United States of America	Granted	9772821
China	Published	106462701
China	Published	106716344
China	Published	108292338
China	Published	108604987
China	Published	109804596
China	Published	109791517
European Patent	Published	2918037
European Patent	Published	2974094
European Patent	Published	3202079
European Patent	Published	3241150
European Patent	Published	3230921
European Patent	Published	3291479
European Patent	Published	3391273
European Patent	Published	3384422
European Patent	Published	3424175
European Patent	Published	3475825
European Patent	Published	3537653
European Patent	Published	3552339
European Patent	Published	3559811
European Patent	Published	2363975
European Patent	Published	3198515
France	Published	2956933
Germany (Federal Republic of)	Published	112008000668.7
Germany (Federal Republic of)	Published	112009000154
Germany (Federal Republic of)	Published	112009000152.1
Germany (Federal Republic of)	Published	112008002158
Korea, Republic of (KR)	Published	20150107784
Patent Cooperation Treaty	Published	WO 2019-079048
Patent Cooperation Treaty	Published	WO 2019-191040
Taiwan	Published	201606563
Taiwan	Published	201629829
United States of America	Published	2016-0171252
United States of America	Published	2016-0277179
United States of America	Published	2018-0167196
United States of America	Published	2018-0351729

United States of America	Published	2018-0034628
United States of America	Published	2018-0062828
United States of America	Published	2018-0356464
United States of America	Published	2019-0377879
United States of America	Published	2019-0050204
United States of America	Published	2019-0296898
United States of America	Published	2019-0349187
United States of America	Published	2020-0026883
United States of America	Published	2019-0362104
United States of America	Published	2019-0372757
United States of America	Published	2020-0021426
United States of America	Published	2017-0195114