

Annex B - Philips Qi Essential Patents Jan 2021

Title	Application number	Grant number	Publication number	Priority Year	Filing date	Grant date	Country code
ADAPTIVE INDUCTIVE POWER SUPPLY WITH COMMUNICATION	200910145439.2	CN 200910145439.2	CN101588075A	2003	22-01-2004	25-11-2015	CN
ADAPTIVE INDUCTIVE POWER SUPPLY WITH COMMUNICATION	13/210868	US 8831513	US20110298298A1	2003	20-10-2003	09-09-2014	US
Controlling inductive power transfer systems	11171797.1	AT 2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	AT
Controlling inductive power transfer systems	11171797.1	BE 2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	BE
Controlling inductive power transfer systems	11171797.1	CH 2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	CH
Controlling inductive power transfer systems	11171797.1	CZ 2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	CZ
Controlling inductive power transfer systems	11171797.1	DE 60 2005 054 787.8	EP 2375532 A2	2004	11-05-2005	10-10-2018	DE
Controlling inductive power transfer systems	11171797.1	LI 2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	LI
Controlling inductive power transfer systems	11171797.1	ES 2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	ES
Controlling inductive power transfer systems	11171797.1	FI 2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	FI
Controlling inductive power transfer systems	11171797.1	FR 2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	FR
Controlling inductive power transfer systems	11171797.1	GB 2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	GB
Controlling inductive power transfer systems	11171797.1	EP2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	IT
Controlling inductive power transfer systems	11171797.1	EP2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	NL
Controlling inductive power transfer systems	11171797.1	EP2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	PL
Controlling inductive power transfer systems	11171797.1	EP2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	SE
Controlling inductive power transfer systems	11171797.1	EP2375532	EP 2375532 A2	2004	11-05-2005	10-10-2018	TR
CONTROLLING INDUCTIVE POWER TRANSFER SYSTEMS	12/366842	US 7868587 B2	US 2009134713 A1	2004	11-05-2005	11-01-2011	US
SYSTEM AND METHOD FOR FOOD PREPARATION	2012-115691	JP 5647179	2012-165647	2006	28-12-2007	14-11-2014	JP
SYSTEM AND METHOD FOR FOOD PREPARATION	10-2015-7006924	KR 10-1603275	10-2015-0038698	2006	28-12-2007	08-03-2016	KR

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SYSTEM AND METHOD FOR FOOD PREPARATION	10-2017-7011064	KR 10-1842611		2006	28-12-2007	21-03-2018	KR
SYSTEM AND METHOD FOR INDUCTIVELY CHARGING A BATTERY	10-2009-7006464	KR 101399688 B1	KR 20090065521 A	2006	20-09-2007	20-05-2014	KR
SYSTEM AND METHOD FOR INDUCTIVELY CHARGING A BATTERY	PI20090895	MY 151405 A		2006	20-09-2007	30-05-2014	MY
Inductive power supply with device identification	96151368	TW I459678 B	TW 200843284 A	2006	31-12-2007	01-11-2014	TW
System and method for inductively charging a battery	96136523	TW I367617 B	TW 200836449 A	2006	29-09-2007	01-07-2012	TW
SYSTEM AND METHOD FOR INDUCTIVELY CHARGING A BATTERY	11/855710	US 8004235 B2	US 2008079392 A1	2006	14-09-2007	23-08-2011	US
SYSTEM AND METHOD FOR INDUCTIVELY CHARGING A BATTERY	0701004786	TH 71142	109388	2007	21-09-2007	15-08-2019	TH
INDUCTIVE POWER SUPPLY WITH DEVICE IDENTIFICATION	13/166187	US 8097984 B2	US 2011248674 A1	2007	23-03-2006	17-01-2012	US
INDUCTIVE POWER SUPPLY WITH DEVICE IDENTIFICATION	13/323126	US 9318912 B2	US 2012104868 A1	2007	23-03-2006	19-04-2016	US
INDUCTIVE POWER SUPPLY WITH DEVICE IDENTIFICATION	15/059344	US 10305329	US 2016190873 A1	2007	23-03-2006	28-05-2019	US
POWER SYSTEM	12104427.1	HK 1163947 A1		2008	07-05-2012	24-03-2016	HK
POWER SYSTEM	2011-530257	JP 5602745 B2	JP 2012504931 A	2008	02-10-2009	08-10-2014	JP
POWER SYSTEM	10-2011-7010091	KR 101699986 B1	KR 20110065552 A	2008	02-10-2009	19-01-2017	KR
POWER SYSTEM	PI2011001475	MY 160103 A		2008	02-10-2009	28-02-2017	MY
Power system	98133503	TW I484716 B	TW 201034334 A	2008	02-10-2009	11-05-2015	TW
Method of data transmission embedded in electric power transmission and a charging stand and battery device using transmitting coil current change to receive that data transmission.	12/496988	US8188854B2	US20100001845A1	2008	02-07-2009	29-05-2012	US
POWER SYSTEM	12/572296	US 8446046 B2	US 2010084918 A1	2008	02-10-2009	21-05-2013	US
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	AT 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	AT

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Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	BE 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	BE
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	CH 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	CH
capacitive analog ping for wireless power transfer systems (Qi)	201080023051.6	CN 201080023051.6	CN 102449874 A	2009	14-05-2010	25-03-2015	CN
Efficient Coding of a Message Length for Wireless Power Systems	201080028291.5	CN 201080028291.5	CN 102804728 A	2009	10-06-2010	02-03-2016	CN
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	CZ 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	CZ
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	DE 60 2010 036 762.2	EP 2446600 A	2009	10-06-2010	28-09-2016	DE
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	LI 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	LI
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	ES 2446600	2599128-A	2009	10-06-2010	28-09-2016	ES
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	FI 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	FI
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	FR 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	FR
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	GB 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	GB
Efficient Coding of a Message Length for Wireless Power Systems	519/CHENP/2012	IN 328887		2009	10-06-2010	03-01-2020	IN
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	IT 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	IT
Efficient Coding of a Message Length for Wireless Power Systems	2017-217128	JP 6533565		2009	10-06-2010	31-05-2019	JP
Efficient Coding of a Message Length for Wireless Power Systems	2012-516892	JP 5815515		2009	10-06-2010	02-10-2015	JP
Efficient Coding of a Message Length for Wireless Power Systems	10-2012-7001539	KR 10-1743772		2009	10-06-2010	30-05-2017	KR
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	NL 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	NL
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	PL 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	PL
Efficient Coding of a Message Length for Wireless Power Systems	2012102359	RU 2574349	2012102359-A	2009	10-06-2010	10-02-2016	RU
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	SE 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	SE
Efficient Coding of a Message Length for Wireless Power Systems	10728351.7	TR 2446600	EP 2446600 A	2009	10-06-2010	28-09-2016	TR

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Wireless power system with selectable control channel protocols	13/851164	US 8618697	US20130229066A1	2009	01-05-2010	21-12-2013	US
POWER TRANSMITTER AND POWER RECEIVER FOR AN INDUCTIVE POWER SYSTEM	201180049459.5	CN 201180049459.5	CN 103155337 A	2010	04-10-2011	20-01-2016	CN
Input parasitic metal detection	201180016987.0	CN 102823101 B	CN 102823101 A	2010	08-02-2011	17-06-2015	CN
POWER TRANSMITTER AND POWER RECEIVER FOR AN INDUCTIVE POWER SYSTEM	2013-533296	JP 6259659		2010	04-10-2011	15-12-2017	JP
POWER TRANSMITTER AND POWER RECEIVER FOR AN INDUCTIVE POWER SYSTEM	MX/A/2013/004006	MX 320310		2010	04-10-2011	20-05-2014	MX
POWER TRANSMITTER AND POWER RECEIVER FOR AN INDUCTIVE POWER SYSTEM	2013121670	RU 2588579		2010	04-10-2011	10-07-2016	RU
Time alignment of power loss calculation to received power (Qi)	15484429	US 10545180		2011	28-02-2012	28-01-2020	US
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	AT 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	AT
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	BE 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	BE
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	CH 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	CH
WIRELESS INDUCTIVE POWER TRANSFER	201380034554.7	CN 201380034554.7	CN 104412517 A	2012	20-06-2013	22-09-2017	CN
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	CZ 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	CZ
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	DE 602013015917.3	EP 2867997 A	2012	20-06-2013	28-12-2016	DE
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	LI 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	LI
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	ES 2867997	ES 2 618 941	2012	20-06-2013	28-12-2016	ES
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	FI 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	FI
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	FR 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	FR
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	GB 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	GB
WIRELESS INDUCTIVE POWER TRANSFER	P-00 2014 08172	TBA	2016/02381-A	2012	20-06-2013	20-02-2019	ID

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WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	IT 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	IT
WIRELESS INDUCTIVE POWER TRANSFER	2015-519425	JP 6346175		2012	20-06-2013	01-06-2018	JP
WIRELESS INDUCTIVE POWER TRANSFER	MX/A/2014/015046	MX 347898		2012	20-06-2013	18-05-2017	MX
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	NL 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	NL
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	PL 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	PL
WIRELESS INDUCTIVE POWER TRANSFER	2015102813	RU 2627681	RU2015102813A	2012	20-06-2013	10-08-2017	RU
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	SE 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	SE
WIRELESS INDUCTIVE POWER TRANSFER	13759578.1	TR 2867997	EP 2867997 A	2012	20-06-2013	28-12-2016	TR
WIRELESS INDUCTIVE POWER TRANSFER	14/408697	US 9735836	US 20150155918 A1	2012	20-06-2013	15-08-2017	US
WIRELESS INDUCTIVE POWER TRANSFER	2015/00648	ZA 2015/00648		2012	20-06-2013	25-10-2017	ZA
Wireless inductive power transfer	15/124043	US 10103584		2014	27-02-2015	16-10-2018	US