

Title (en)

METHOD AND APPARATUS FOR THE LOSS-FREE TRANSMISSION OF ELECTRICAL ENERGY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR VERLUSTFREIEN ÜBERTRAGUNG VON ELEKTRISCHER ENERGIE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE TRANSMISSION D'ÉNERGIE ÉLECTRIQUE SANS PERTE

Publication

**EP 2206218 A2 20100714 (DE)**

Application

**EP 08844419 A 20081031**

Priority

- IB 2008002917 W 20081031
- CH 16882007 A 20071031

Abstract (en)

[origin: WO2009056960A2] In a method and an apparatus for the loss-free transmission of electrical energy between a DC source and a lossy load circuit, the DC source is connected, via a radio-frequency broadband line, to at least one quantum storage cell which feeds the lossy load circuit, with the result that the electrical energy is transmitted from the DC source to the quantum storage cell in the form of current pulses corresponding to the Dirac function.

IPC 8 full level

**H02J 17/00** (2006.01)

CPC (source: EP KR US)

**H02J 5/00** (2013.01 - EP KR US); **H02J 7/00** (2013.01 - EP KR US); **H02J 2207/50** (2020.01 - EP)

Citation (search report)

See references of WO 2009056960A2

Cited by

US9017543B2; US9658183B2; US10386322B2; US9017544B2; US9638658B2; US10408784B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**WO 2009056960 A2 20090507; WO 2009056960 A3 20090625**; BR PI0818145 A2 20150331; CA 2704339 A1 20090507; CN 101939895 A 20110105; EP 2206218 A2 20100714; JP 2011514126 A 20110428; KR 20100085144 A 20100728; RU 2010121900 A 20111210; RU 2446545 C2 20120327; US 2010295373 A1 20101125

DOCDB simple family (application)

**IB 2008002917 W 20081031**; BR PI0818145 A 20081031; CA 2704339 A 20081031; CN 200880114289 A 20081031; EP 08844419 A 20081031; JP 2010531603 A 20081031; KR 20107011635 A 20081031; RU 2010121900 A 20081031; US 74084408 A 20081031