

Title (en)

DEVICE FOR INDUCTIVELY TRANSMITTING ELECTRIC POWER

Title (de)

VORRICHTUNG ZUR INDUKTIVEN ÜBERTRAGUNG ELEKTRISCHER ENERGIE

Title (fr)

DISPOSITIF DE TRANSMISSION D'ENERGIE ELECTRIQUE PAR INDUCTION

Publication

EP 1520332 A1 20050406 (DE)

Application

EP 03756984 A 20030214

Priority

- DE 10225005 A 20020606
- EP 0301509 W 20030214

Abstract (en)

[origin: DE10225005C1] The device has electrical energy transferred between a primary inductance provided by at least 2 conductor loops (1,2) extending along the displacement path of the moving load and a secondary inductance associated with the latter. The conductor loops are galvanically separated and extend along different sections of the displacement path, with an inductive coupling section allowing energy transfer between the conductor loops, e.g. via a transformer (3) with primary and secondary windings (4,5) respectively associated with different conductor loops.

IPC 1-7

H02J 5/00; H02J 17/00; B60L 13/03

IPC 8 full level

B60L 5/00 (2006.01); **B60M 1/32** (2006.01); **H01F 38/14** (2006.01); **H02J 5/00** (2006.01)

CPC (source: EP KR US)

B60L 5/005 (2013.01 - EP KR US); **B60M 1/32** (2013.01 - EP KR US); **H01F 38/14** (2013.01 - EP KR US); **H02J 50/12** (2016.02 - EP KR US); **H02J 50/80** (2016.02 - KR); **B60L 2200/26** (2013.01 - EP KR US)

Citation (search report)

See references of WO 03105306A1

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DOCDB simple family (publication)

DE 10225005 C1 20031204; AU 2003273636 A1 20031222; AU 2003273636 B2 20070927; BR 0311818 A 20050315; CA 2490028 A1 20031218; CN 1659757 A 20050824; EP 1520332 A1 20050406; JP 2005536038 A 20051124; KR 20050010031 A 20050126; MX PA04012176 A 20050224; US 2005146830 A1 20050707; US 7116540 B2 20061003; WO 03105306 A1 20031218

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