

Title (en)
STAND-ALONE DEVICE FOR GENERATING ELECTRICAL ENERGY

Title (de)
SELBSTÄNDIGE EINRICHTUNG ZUM ERZEUGEN VON ELEKTRISCHER ENERGIE

Title (fr)
DISPOSITIF AUTONOME DE GENERATION D'ENERGIE ELECTRIQUE

Publication
EP 1952516 A1 20080806 (FR)

Application
EP 06807535 A 20061025

Priority

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- FR 0553539 A 20051122

Abstract (en)
[origin: FR2893780A1] The device has a magnetic circuit formed of a field coil (2), a fixed part and a movable part (5) through which a magnetic field circulates. Movement of the part (5) with respect to the fixed part creates a magnetic flux variation via the coil to produce an electric current in the coil. Voltage generated at terminals of the coil by the flux variation depends on time and speed of displacement of the part (5) with respect to the fixed part. The fixed part traverses a central opening of the coil two times by forming a loop. The circuit is made of a ferromagnetic material e.g. iron.

IPC 8 full level
H02K 35/02 (2006.01)

CPC (source: EP US)
H02K 35/02 (2013.01 - EP US)

Citation (search report)
See references of WO 2007060072A1

Citation (examination)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2893780 A1 20070525; AU 2006316662 A1 20070531; AU 2006316662 B2 20100812; CA 2630554 A1 20070531; CA 2630554 C 20150421; CN 101361252 A 20090204; CN 101361252 B 20120718; EP 1952516 A1 20080806; JP 2009516802 A 20090423; JP 5128487 B2 20130123; US 2008315595 A1 20081225; US 8148856 B2 20120403; WO 2007060072 A1 20070531

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