

Title (en)

DEVICE FOR STORING ENERGY AND TRANSFORMING ENERGY

Title (de)

VORRICHTUNG ZUR ENERGIESPEICHERUNG UND ENERGIETRANSFORMIERUNG

Title (fr)

DISPOSITIF POUR L'ACCUMULATION D'ÉNERGIE ET LA TRANSFORMATION D'ÉNERGIE

Publication

EP 2067149 A1 20090610 (DE)

Application

EP 07803387 A 20070910

Priority

- EP 2007059484 W 20070910
- DE 102006044435 A 20060921

Abstract (en)

[origin: US2011239999A1] A device for storing energy and transforming energy, e.g., an ignition coil of an ignition system of a vehicle, includes: a magnetically active I core; a first coil element which accommodates a first winding that is connected to a supply voltage; a second coil element which has a second winding that is connected to a high-voltage terminal; a peripheral core which encloses the I core, the first winding and the second winding; a permanent magnet which is situated at one end of the I core; a first insulation situated between the permanent magnet and the peripheral core; and a second insulation situated between the other end of the I core and the peripheral core.

IPC 8 full level

H01F 38/12 (2006.01)

CPC (source: EP US)

H01F 38/12 (2013.01 - EP US); **H01F 27/324** (2013.01 - EP US); **H01F 2038/127** (2013.01 - EP US)

Citation (search report)

See references of WO 2008034734A1

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