

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)

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