

Title (en)

IGNITION COIL FOR AN INTERNAL COMBUSTION ENGINE AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

ZÜNDSPULE FÜR EINEN OTTOMOTOR UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)

BOBINE D'ALLUMAGE POUR MOTEUR A COMBUSTION INTERNE ET SON PROCEDE DE REALISATION

Publication

**EP 1671337 A1 20060621 (DE)**

Application

**EP 04787142 A 20040915**

Priority

- EP 2004052180 W 20040915
- DE 10344892 A 20030926

Abstract (en)

[origin: WO2005031769A1] The invention relates to an ignition coil for an internal combustion engine, provided with a coil core whereby at least one winding layer of a primary winding is coiled thereon and on which at least one winding layer of a secondary winding is also coiled. At least one winding layer of a screening winding is arranged between the at least one winding layer of the primary winding and the at least one winding layer of the secondary winding. The invention also relates to a method for the production of said ignition coil.

IPC 1-7

**H01F 38/12**

IPC 8 full level

**H01F 38/12** (2006.01); **H01F 27/28** (2006.01); **H01F 27/36** (2006.01); **H01F 41/06** (2006.01); **H01F 27/38** (2006.01)

CPC (source: EP US)

**H01F 27/36** (2013.01 - EP US); **H01F 27/363** (2020.08 - EP US); **H01F 38/12** (2013.01 - EP US); **H01F 41/082** (2016.01 - EP US);  
**H01F 27/38** (2013.01 - EP US)

Citation (search report)

See references of WO 2005031769A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

**WO 2005031769 A1 20050407**; DE 10344892 A1 20050421; EP 1671337 A1 20060621; JP 2006515957 A 20060608;  
US 2007188283 A1 20070816

DOCDB simple family (application)

**EP 2004052180 W 20040915**; DE 10344892 A 20030926; EP 04787142 A 20040915; JP 2005518219 A 20040915; US 57360704 A 20040915