

Title (en)  
Ignition coil

Title (de)  
Zündspule

Title (fr)  
Bobine d'allumage

Publication  
**EP 1887589 A1 20080213 (EN)**

Application  
**EP 06425582 A 20060809**

Priority  
EP 06425582 A 20060809

Abstract (en)  
An ignition coil (1; 20) for triggering combustion in a controlled ignition endothermic engine has: a magnetic circuit (2; 21) having a core (5; 24), a cladding (6; 25), a first permanent magnet (7, 26) and a second permanent magnet (8, 27) set in parallel along the cladding (6; 25); a primary electrical circuit (3; 22) wound around the core (5; 24); and a secondary electrical circuit (4; 23) wound around the core (5; 24) and concatenated with the primary electrical circuit (3; 22).

IPC 8 full level  
**H01F 3/10** (2006.01); **H01F 38/12** (2006.01)

CPC (source: EP)  
**H01F 3/10** (2013.01); **H01F 38/12** (2013.01); **H01F 27/38** (2013.01); **H01F 2038/127** (2013.01)

Citation (search report)

- [X] US 2002171524 A1 20021121 - TSAI MU-SHUI [TW]
- [X] DE 2226289 A1 19730104 - TDK ELECTRONICS CO LTD
- [X] US 6211763 B1 20010403 - MORITA SHINGO [JP]
- [A] US 3209294 A 19650928 - CORNELL ARCHIE R
- [A] US 4480377 A 19841106 - HOUSE RONNALEE [US], et al

Cited by  
CN110197759A

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

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
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