

Title (en)  
Ignition coil for internal combustion engines

Title (de)  
Zündspule für Verbrennungsmotoren

Title (fr)  
Bobine d'allumage pour moteurs à combustion interne

Publication  
**EP 1043737 A3 20001213 (DE)**

Application  
**EP 00106371 A 20000324**

Priority  
AT 62399 A 19990408

Abstract (en)  
[origin: EP1043737A2] The ignition coil has two or more transformer stages (5-7) connected in sequence in a cascade circuit, whereby the secondary windings (8-10) of all transformer stages are connected in series to an ignition plug. At least one stage has two primary windings (4,11;12,13), of which one is connected to an ignition coil input or primary winding of a preceding stage and of which the second is connected to the primary winding of a subsequent stage. An independent claim is also included for an internal combustion engine.

IPC 1-7  
**H01F 38/12**

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

CPC (source: EP US)  
**H01F 38/12** (2013.01 - EP US); **H01F 2038/122** (2013.01 - EP US)

Citation (search report)

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- [A] DE 4208706 A1 19930923 - BERU WERK RUPRECHT GMBH CO A [DE]
- [A] DE 2154792 A1 19721116
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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 1043737 A2 20001011; EP 1043737 A3 20001213**; AT 408154 B 20010925; AT A62399 A 20010115; US 6352069 B1 20020305

DOCDB simple family (application)  
**EP 00106371 A 20000324**; AT 62399 A 19990408; US 54226300 A 20000404