

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]
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- [A] US 5228425 A 19930720 - SIMONS SYLVAN [US]

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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