

Title (en)
IGNITION COIL WITH A CLOSED MAGNETIC CIRCUIT

Publication
EP 0230811 A3 19880727 (FR)

Application
EP 86402744 A 19861210

Priority
• FR 8601004 A 19860124
• FR 8610663 A 19860723

Abstract (en)
[origin: EP0230811A2] The ignition coil, in particular for a motor vehicle internal combustion engine, is of the closed-circuit type and consists of a central core (1) around which are coaxially disposed the primary (11) and secondary (21) windings, and of a double magnetic circuit for flux return (2), the whole being housed in a plastic box (30). The coil comprises support means (12, 22a, 22b) able to support the secondary winding (21) in levitation over and around the primary winding (11), means which are constructed such that, at all points within a given space, they define a substantially maximum gap between the said windings and the magnetic circuit.

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F02P 3/02 (2006.01); **H01F 27/02** (2006.01); **H01F 27/30** (2006.01); **H01F 38/12** (2006.01)

CPC (source: EP)
F02P 3/02 (2013.01); **H01F 27/022** (2013.01); **H01F 27/306** (2013.01); **H01F 38/12** (2013.01); **H01F 2005/025** (2013.01)

Citation (search report)
• [X] DE 3048803 A1 19811001 - NIPPON DENSO CO [JP]
• [A] GB 867605 A 19610510 - TELEFUNKEN GMBH
• [A] EP 0097599 A1 19840104 - LEGRAND SA [FR]
• [A] FR 668067 A 19291028 - SCINTILLA AG

Cited by
EP1530225A3; EP0617438A1; US6136347A; AU594158B2; DE4424129A1; DE3741033A1; EP0395512A1; FR2646550A1; US5015984A

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