

Title (en)
Ignition coil for an internal combustion engine

Title (de)
Zündspule für eine Brennkraftmaschine

Title (fr)
Bougie d'allumage pour un moteur à combustion interne

Publication
EP 1557849 A3 20060201 (DE)

Application
EP 05000165 A 20050105

Priority
DE 102004003216 A 20040122

Abstract (en)
[origin: EP1557849A2] A primary winding comprises (2n-1) layers, n being 1, 2, 3..., i.e. the number of layers is odd. The winding supply wire (9) remote from the low voltage connection (10) is led within the outer region of the casing (7), along the extent of the long slot (8) : An independent claim is included for the corresponding method of manufacture.

IPC 8 full level
H01F 38/12 (2006.01); **H01F 27/04** (2006.01); **H01F 27/36** (2006.01)

CPC (source: EP US)
H01F 27/361 (2020.08 - EP US); **H01F 38/12** (2013.01 - EP US); **H01F 27/04** (2013.01 - EP US); **H01F 27/36** (2013.01 - EP US);
H01F 2027/348 (2013.01 - EP US)

Citation (search report)

- [A] EP 0796993 A2 19970924 - HITACHI LTD [JP], et al
- [A] US 4514712 A 19850430 - MCDUGAL JOHN A [US]
- [DA] DE 10057567 A1 20020523 - BREMI AUTO ELEK K ERNST BREMIC [DE]

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1557849 A2 20050727; **EP 1557849 A3 20060201**; **EP 1557849 B1 20131225**; **EP 1557849 B8 20140226**; CN 100550227 C 20091014;
CN 1645529 A 20050727; DE 102004003216 B3 20050825; HK 1081322 A1 20060512; US 2005184847 A1 20050825; US 7152592 B2 20061226

DOCDB simple family (application)
EP 05000165 A 20050105; CN 200510004392 A 20050120; DE 102004003216 A 20040122; HK 06101292 A 20060127; US 4101905 A 20050121