

Title (en)
Engine igniting coil device

Title (de)
Zündspulenvorrichtung für Verbrennungsmotor

Title (fr)
Dispositif bobine d'allumage pour moteur à combustion interne

Publication
EP 0785605 A1 19970723 (EN)

Application
EP 96120613 A 19961220

Priority
JP 3863496 A 19960119

Abstract (en)
In an engine igniting coil device of the open-magnetic-circuit type that has a bobbin having a hollow axis having a circular section in which a rod-shape core is inserted, the core is formed of a plurality of iron plates having different widths and laminated to have a substantially circular section and the thus formed core is splitted in the direction perpendicular to the lamination into a plurality of parts in order to increase a space factor of the core in the bobbin's hollow axis having a circular section and to easily accommodate the core in the bobbin's hollow axis having a circular section assuring a high space factor of the core therein and reducing eddy-current core-loss to improve an output factor of a secondary voltage. <IMAGE>

IPC 1-7
H01T 13/44; **H01F 38/12**

IPC 8 full level
H01F 27/245 (2006.01); **H01F 38/12** (2006.01); **H01T 13/44** (2006.01)

CPC (source: EP KR)
F02P 3/02 (2013.01 - KR); **H01F 27/245** (2013.01 - EP); **H01F 38/12** (2013.01 - EP); **H01T 13/44** (2013.01 - EP); **H01F 2038/122** (2013.01 - EP)

Citation (applicant)
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Citation (search report)
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Designated contracting state (EPC)
DE GB

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EP 0785605 A1 19970723; JP H09199349 A 19970731; KR 100222461 B1 19991001; KR 970059491 A 19970812; TW 359720 B 19990601

DOCDB simple family (application)
EP 96120613 A 19961220; JP 3863496 A 19960119; KR 19970000893 A 19970114; TW 85115950 A 19961220