

Title (en)
Ignition coil assembly

Title (de)
Zündspulenordnung

Title (fr)
Dispositif de bobine d'allumage

Publication
EP 1457671 A1 20040915 (EN)

Application
EP 03100660 A 20030314

Priority
EP 03100660 A 20030314

Abstract (en)
An ignition coil assembly (10) for an internal combustion engine comprises a plastic housing (14) in which a primary winding (20), a secondary winding (22) and a magnetic core (18) are accommodated. A high-tension terminal (28) connected to a first end of the secondary winding (22) is provided for connecting a spark plug (12) of the engine. The plastic housing (14) further comprises fixing means (44) for fixing the ignition coil assembly (10) to the engine. The fixing means (44) comprise an electrically conductive portion (48) that comes into contact with an electrically conductive part of the engine upon fixing thereto. The second end of the secondary winding (22) is connected to the electrically conductive portion (48) of the fixing means (44). <IMAGE>

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F02P 3/02; **H01F 38/12**

IPC 8 full level
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CPC (source: EP)
F02P 3/02 (2013.01); **H01F 38/12** (2013.01); **H01T 13/44** (2013.01)

Citation (search report)
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• [A] US 5615659 A 19970401 - MORITA SHINGO [JP], et al
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