

Title (en)

Ignition coil, particularly for an internal combustion engine of an automotive vehicle.

Title (de)

Zündspule, besonders für Brennkraftmaschinen von Kraftfahrzeugen.

Title (fr)

Bobine d'allumage, en particulier pour moteur à combustion interne de véhicule automobile.

Publication

**EP 0418137 B1 19940112 (FR)**

Application

**EP 90402486 A 19900911**

Priority

FR 8912088 A 19890915

Abstract (en)

[origin: EP0418137A1] Ignition coil, particularly for a motor vehicle internal combustion engine, comprising, integrated in a housing (7) a magnetic assembly consisting in particular of a magnetic core (3) accommodated in a primary coil holder (2), a secondary coil holder (4) coaxial with the first coil holder (2), primary (1) and secondary (5) windings, a magnetic flux-return circuit (8), a high-voltage link assembly comprising in particular a high-voltage bracket (12), a high-voltage guide (20) in which a high-voltage output member (19) is accommodated, characterised in that the said magnetic flux-return circuit (8) comprises at least three pairwise orthogonal parts (8a, 8b, 8c) forming a U in cross-section, constituting the three sides of a rectangle inside which the said magnetic flux-return circuit (8) is inscribed, and in that the said high-voltage output member (19) is arranged so that it is oriented in a direction passing through the centre (Y-Y') of the said rectangle. <IMAGE>

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IPC 8 full level

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