

Title (en)

Ignition coil, particularly for internal combustion engines for motor vehicles, and means for securing the primary and secondary assemblies.

Title (de)

Zündspule, insbesondere für Brennkraftmaschinen eines Kraftfahrzeuges und Mittel zur Sicherung des primären Zusammenbaus innerhalb des sekundären.

Title (fr)

Bobine d'allumage, en particulier pour moteur à combustion interne de véhicule automobile, et moyens de maintien de l'ensemble primaire dans le secondaire.

Publication

EP 0395512 B1 19940406 (FR)

Application

EP 90401129 A 19900425

Priority

FR 8905641 A 19890428

Abstract (en)

[origin: EP0395512A1] Ignition coil comprising at least one magnetic assembly (M1, M2), each including a central magnetic core (4) around which are coaxially disposed two coil-frames, primary (3) and secondary (5), respectively carrying the primary (2) and secondary (6) windings, securing means able to position and fix the primary coil-frame (3) inside the secondary coil-frame (5), characterised in that the securing means consist of material ledges (57, 58) made in a tubular housing (56) of the secondary coil-frame (5) cooperating with one of the end flanges (41) of the primary coil-frame (3). <IMAGE>

IPC 1-7

H01F 31/00; H01F 5/02

IPC 8 full level

F02P 15/00 (2006.01); H01F 5/02 (2006.01); H01F 38/12 (2006.01)

CPC (source: EP US)

H01F 5/02 (2013.01 - EP US); H01F 38/12 (2013.01 - EP US); H01F 2005/022 (2013.01 - EP US); H01F 2005/025 (2013.01 - EP US)

Citation (examination)

EP 0253939 A1 19880127 - DUCCELLIER & CIE [FR]

Cited by

DE4406068A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0395512 A1 19901031; EP 0395512 B1 19940406; DE 69007844 D1 19940511; DE 69007844 T2 19941020; ES 2055359 T3 19940816; FR 2646550 A1 19901102; FR 2646550 B1 19940304; JP H03129714 A 19910603; US 5015984 A 19910514

DOCDB simple family (application)

EP 90401129 A 19900425; DE 69007844 T 19900425; ES 90401129 T 19900425; FR 8905641 A 19890428; JP 11066290 A 19900427; US 51082190 A 19900418