

Title (en)

Integrated unit comprising an ignition coil and a plug for the individual controlled ignition in an internal combustion engine

Title (de)

Integrierte Zündeinheit, die Kerze und Zündspule für gesteuerte einzelne Zündung in einer Brennkraftmaschine enthält.

Title (fr)

Bobine intégrée d'allumage individuel d'une bougie de moteur thermique à combustion interne et à allumage commandé

Publication

**EP 0454598 B1 19970205 (FR)**

Application

**EP 91420134 A 19910423**

Priority

FR 9005353 A 19900423

Abstract (en)

[origin: EP0454598A1] - Ignition of combustion engine. - The coil comprises: . a housing (10) extended at its base (12) by a barrel forming conductive section (13) provided with means (16) of adaptation for a hood (17), . a double tubular coil body (35) carrying concentrically a primary winding (38) and outside this a secondary winding (39), . an upper cap (50) carrying a connector (60) and snapped onto the double coil body, . a laminated mass (70) adapted to the housing and comprising a central bar (71) passing through the double coil body, - and a shell (62) filling the housing and embedding the double coil body. - Application to motor vehicle engines. <IMAGE>

IPC 1-7

**F02P 13/00**; H01F 30/00; H01T 13/44

IPC 8 full level

**F02P 13/00** (2006.01); **H01F 38/12** (2006.01); **H01T 13/44** (2006.01)

CPC (source: EP)

**F02P 13/00** (2013.01); **H01F 38/12** (2013.01); **H01T 13/44** (2013.01)

Cited by

DE4404957C2; FR2933528A1; DE4309818A1; DE4309818C2; EP0715073A2; US8365710B2; WO9309345A1; WO2010004202A1

Designated contracting state (EPC)

DE ES GB IT SE

DOCDB simple family (publication)

**EP 0454598 A1 19911030**; **EP 0454598 B1 19970205**; DE 69124540 D1 19970320; DE 69124540 T2 19970612; ES 2099742 T3 19970601; FR 2661216 A1 19911025; FR 2661216 B1 19920814

DOCDB simple family (application)

**EP 91420134 A 19910423**; DE 69124540 T 19910423; ES 91420134 T 19910423; FR 9005353 A 19900423