

Title (en)
METHOD OF MANUFACTURING AN IGNITION COIL FOR INTERNAL COMBUSTION ENGINES

Publication
EP 0072716 B1 19861105 (FR)

Application
EP 82401175 A 19820625

Priority
FR 8115903 A 19810819

Abstract (en)
[origin: EP0072716A1] 1. Process for the construction of an ignition coil for internal combustion engines, the coil comprising a closed magnetic circuit (1), around one of whose branches there are arranged a primary winding (3) and a secondary winding (5) which are housed in a case (7) filled with a cast insulating material (8) covering the base of at least one high-voltage output terminal (9) maintained on the case (7) and equipped with a metal member (10) connected via an electrical connecting component (11) to the end (5a) of the secondary winding (5), which process is characterised in that the high-voltage output terminal (9) comprises a cam (14) and lobes (15) so that when a rotary motion is imparted to the said terminal, the said lobes exert a pressure maintaining this terminal on protrusions (16) arranged inside the case (7) so as to immobilize the terminal (9) in the case (7) before and during the operation of casting the insulating material filling the case.

IPC 1-7
H01F 31/00; **H01F 41/10**

IPC 8 full level
H01F 38/12 (2006.01); **H01F 41/10** (2006.01)

CPC (source: EP)
H01F 38/12 (2013.01); **H01F 41/10** (2013.01)

Cited by
DE3423524A1; EP0379641A1; EP0253937A1; FR2602099A1; EP0255409A1; FR2602098A1

Designated contracting state (EPC)
BE DE GB IT

DOCDB simple family (publication)
EP 0072716 A1 19830223; **EP 0072716 B1 19861105**; DE 3276739 D1 19870813; ES 515072 A0 19830501; ES 8306223 A1 19830501; FR 2511732 A1 19830225; FR 2511732 B1 19840323; MA 19566 A1 19830401

DOCDB simple family (application)
EP 82401175 A 19820625; DE 3276739 T 19820625; ES 515072 A 19820817; FR 8115903 A 19810819; MA 19778 A 19820809