

Title (en)

MAGNETICALLY CONTROLLED IGNITION DISTRIBUTION OF AN INTERNAL-COMBUSTION ENGINE

Publication

EP 0213004 B1 19900103 (FR)

Application

EP 86401496 A 19860704

Priority

FR 8512900 A 19850829

Abstract (en)

[origin: EP0213004A1] 1. An ignition distributor with magnetic control for an internal combustion engine, wherein the distributor comprises : a rotor (5) driven in rotation by the control shaft (2) of the distributor and having a sleeve (6) on which is fixed, among other elements, a polar disc (7) having polar teeth on its periphery ; a stator (8) in magnetic contact with a permanent magnet (10) of annular shape, the permanent magnet being disposed concentrically with the control shaft (2), the stator (8) having polar teeth (9) concealing the polar teeth of the rotor (5) ; a winding (11) disposed between the polar elements of the rotor (5) and those of the stator (8) and carried by a coil carrier (12), the base (13) of which is held between the two support sleeve elements (1a, 1b) constituting the housing (1) of the distributor, the winding (11) being electrically connected through a connecting device (15) which includes a cable entry and which extends through the wall of one of the said support sleeve elements, being secured on the latter, characterised in that the base (13) of the coil carrier (12), on which the coil is fixed, is trapped between the two support sleeve elements (1a, 1b) of the housing (1) of the distributor by means of a resilient spacing gasket (14).

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F02P 7/02

IPC 8 full level

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CPC (source: EP)

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EP 0213004 A1 19870304; EP 0213004 B1 19900103; DE 3668036 D1 19900208; EG 17941 A 19910830; ES 2001905 A6 19880701; FR 2586759 A1 19870306; FR 2586759 B1 19871030; IN 166777 B 19900714; SU 1554776 A3 19900330; UA 7733 A1 19951226

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