

Title (en)

An internal combustion engine with controlled ignition and a connector for connecting an ignition coil and a spark plug for the engine.

Title (de)

Verbindung von Zündspule mit einer Zündkerze für innere Brennkraftmaschine mit gesteuerter Zündung.

Title (fr)

Connecteur de bobine d'allumage à une bougie à étincelle pour moteur à combustion interne à allumage commandé.

Publication

EP 0470938 B1 19951129 (EN)

Application

EP 91830336 A 19910730

Priority

IT 6763090 A 19900808

Abstract (en)

[origin: EP0470938A1] The connector (10) includes a tubular insulating element (11) with a first end (11a) which is intended to be inserted in a recess in the engine (8) and fitted onto a plug (SP), and a further or second end (11b) which is intended to project from the recess (8) for connection to an output terminal (7) of the coil (3). A conductor member (12) is disposed in the tubular element (11) for establishing a conductive path between the coil and the plug (SP). The surface of the engine (1, 2) surrounding the mouth of each recess (8) has an annular, collar-like raised portion (13) and the second end (11b) of the tubular element (11) of the connector (10) has an integral, bell-like external skirt (14) whose edge portion bears against the surface of the engine (1, 2) surrounding the collar (13) in the mounted condition. <IMAGE>

IPC 1-7

F02P 7/02; **H01T 13/06**

IPC 8 full level

F02P 3/02 (2006.01); **H01T 13/04** (2006.01); **H01T 13/06** (2006.01)

CPC (source: EP)

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Cited by

US5492105A; EP0653562A3; EP1804351A1; EP0855771A1; US5979422A; WO9804022A1; WO9401905A1

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