

Title (en)  
IGNITION DISTRIBUTOR FOR AN INTERNAL-COMBUSTION ENGINE

Publication  
**EP 0160130 B1 19890503 (DE)**

Application  
**EP 84116271 A 19841222**

Priority  
DE 3408829 A 19840310

Abstract (en)  
[origin: EP0160130A1] 1. Ignition distributor for a multi-cylinder internal combustion engine, having a shaft (3) which can be made to rotate by the internal combustion engine, furthermore having a rotor (6), which is arranged on the shaft (3), is provided with a radially protruding distributor arm (8) and by which ignition voltage pulses are distributed to fixed electrodes (10) which are arranged in a sealing cap (18) of insulating material placed on the housing of the ignition distributor, the rotor protruding through a central opening of an insulating shield (20) arranged between the sealing cap (18) and the housing and being connected to the shaft (3), characterized in that the rotor (6) is connected to the shaft (3) by a screw connection, in that a diaphragm-like emitter element (15), which is part of a signal emitter (17) providing signals for initiating ignition, is clamped between rotor (6) and shaft (3), and in that the insulating shield (20), which is assembled from at least two shell-shaped individual parts (21, 22) and is secured in shape and position by the sealing cap (18) covering the rotor (6) and the emitter element, fits into the free space between rotor (6) and signal emitter (17).

IPC 1-7  
**F02P 7/02**

IPC 8 full level  
**F02P 7/02** (2006.01)

CPC (source: EP)  
**F02P 7/021** (2013.01)

Cited by  
FR2623252A1

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**DE 3408829 A1 19850912**; AU 3966985 A 19850912; AU 569778 B2 19880218; BR 8501042 A 19851029; DE 3478047 D1 19890608; EP 0160130 A1 19851106; EP 0160130 B1 19890503; ES 541096 A0 19860416; ES 8606741 A1 19860416; JP S60209668 A 19851022; MX 155989 A 19880610

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**DE 3408829 A 19840310**; AU 3966985 A 19850308; BR 8501042 A 19850308; DE 3478047 T 19841222; EP 84116271 A 19841222; ES 541096 A 19850308; JP 4385185 A 19850307; MX 20453885 A 19850307