

Title (en)

DEVICE FOR CONTROLLING THE POWER OUTPUT OF AN INTERNAL COMBUSTION ENGINE, PARTICULARLY FOR MOTOR VEHICLES

Publication

**EP 0488016 A3 19930714 (DE)**

Application

**EP 91119680 A 19911119**

Priority

DE 4037502 A 19901126

Abstract (en)

[origin: EP0488016A2] In a device for controlling the power output of an internal combustion engine, a throttle valve is arranged in such a way in a throttle body that it can rotate beyond the fully closed position. A stop element is also provided and is in mechanical operative connection with the throttle valve. Finally, a stop is provided with which the stop element can be brought into contact in such a way that, beyond the fully closed position, beyond the normal open position, the throttle valve is in an emergency running position. These measures provide a device in which a purely electrical connection is provided between the accelerator pedal and the throttle valve and which makes possible in a simple and economical manner reliable emergency running of the internal combustion engine, even if there is a malfunction in the device according to the invention. <IMAGE>

IPC 1-7

**F02D 11/10**; **F02D 41/22**

IPC 8 full level

**F02D 11/10** (2006.01); **F02D 41/22** (2006.01)

CPC (source: EP)

**F02D 11/107** (2013.01); **F02D 2200/0404** (2013.01); **F02D 2200/602** (2013.01); **F02D 2400/08** (2013.01)

Citation (search report)

- [A] WO 8802064 A1 19880324 - BOSCH GMBH ROBERT [DE]
- [A] EP 0306769 A1 19890315 - MITSUBISHI ELECTRIC CORP [JP]
- [A] EP 0300479 A2 19890125 - MITSUBISHI ELECTRIC CORP [JP]

Cited by

FR2706971A1; US5752484A; WO9535440A3

Designated contracting state (EPC)

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**EP 0488016 A2 19920603**; **EP 0488016 A3 19930714**; **EP 0488016 B1 19950301**; DE 4037502 A1 19920527; DE 59104780 D1 19950406; ES 2069178 T3 19950501

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