

Title (en)

SAFETY DEVICE FOR AN ELECTRONICALLY, MICROCOMPUTER-CONTROLLED COMBUSTION ENGINE

Publication

EP 0143313 B1 19890607 (DE)

Application

EP 84112555 A 19841018

Priority

DE 3342848 A 19831126

Abstract (en)

[origin: US4587939A] A safety device for a controlling unit of an internal combustion engine controlled by a microcomputer includes the following circuits: (a) a source of stabilized voltage which may be subject to fluctuations; (b) a first monitoring circuit responsive to voltage breaks in the voltage source to block the controlling unit for the duration of respective voltage breaks; (c) a second monitoring circuit responsive to the operability of the microcomputer to block the controlling unit for the duration of the resetting time of the microcomputer when a non-operative condition of the microcomputer is detected.

IPC 1-7

F02D 41/22; **F02D 41/26**; **F02D 41/34**

IPC 8 full level

F02D 41/22 (2006.01); **F02D 41/26** (2006.01); **F02D 41/30** (2006.01); **F02D 41/34** (2006.01); **F02D 45/00** (2006.01)

CPC (source: EP US)

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Cited by

US6062198A; DE10031467A1; DE10031467C2; DE19720191C1; FR2767234A1; FR2786575A1; FR2660450A1; WO8806988A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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