

Title (en)

Integrated supply unit for internal combustion engines

Title (de)

Integrierte Versorgungseinheit für Brennkraftmaschinen

Title (fr)

Unité d'alimentation intégrée pour moteurs à combustion interne

Publication

EP 1571313 B1 20080409 (EN)

Application

EP 05101356 A 20050223

Priority

IT MI20040415 A 20040304

Abstract (en)

[origin: EP1571313A1] Integrated supply unit for internal combustion engines, of the type in which the throttle unit (1) of the adjusted fuel supply to the engine comprises, steadily associated therewith, an electronic unit (6) controlling the various functions connected with the starting and the running of the engine (ECU), idle speed adjustment means (10), throttle unit position sensor means (7), and pressure and temperature sensor means (8, 9), characterised in that said sensors (7, 8, 9) are steadily associated with the board which makes up said electronic unit (6) and protrude therefrom perpendicularly to the main plane thereof. <IMAGE>

IPC 8 full level

F02D 9/10 (2006.01); **F02D 9/02** (2006.01); **F02D 9/08** (2006.01); **F02D 11/10** (2006.01); **F02D 31/00** (2006.01)

CPC (source: EP)

F02D 9/1035 (2013.01); **F02D 9/107** (2013.01); **F02D 11/10** (2013.01); **F02D 11/106** (2013.01); **F02D 11/107** (2013.01); **F02D 31/005** (2013.01); **F02D 2009/0225** (2013.01); **F02D 2009/0228** (2013.01); **F02D 2009/0294** (2013.01); **F02D 2041/285** (2013.01); **F02D 2200/0404** (2013.01); **F02D 2200/0406** (2013.01); **F02D 2200/0414** (2013.01); **F02D 2400/18** (2013.01)

Cited by

CN106870168A; CN100365261C; CN113027618A; EP3498999A1; WO2019115365A1; WO2013060289A1; WO2014082775A1

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

EP 1571313 A1 20050907; **EP 1571313 B1 20080409**; DE 602005005883 D1 20080521; IT MI20040415 A1 20040604

DOCDB simple family (application)

EP 05101356 A 20050223; DE 602005005883 T 20050223; IT MI20040415 A 20040304