

Title (en)

Fuel supply apparatus for engines

Title (de)

Brennstoffversorgungseinrichtung für Brennkraftmaschinen

Title (fr)

Dispositif d'alimentation en carburant pour moteurs

Publication

EP 1096123 A1 20010502 (EN)

Application

EP 00119635 A 20000908

Priority

JP 30367899 A 19991026

Abstract (en)

A fuel supply apparatus 12 includes a throttle body 26 including an air-intake passage 24a and a throttle valve 25 and fuel supplying devices; a fuel pump 61, a fuel filter 62, a pressure regulator 63, and an electric control unit 64. Those fuel supplying devices 61-64 are provided in unitary relation with respect to the throttle body 26. The apparatus 12 also includes a body case 27 which is integrally formed with the throttle body 26 and accommodates the fuel supplying devices 61-64. The body case 27 is formed with openings 38, 40, 58 for allowing insertion/removal of the devices 61-64 in/from the case 27, recesses 65-67 for allowing the devices 61-64 to be fitted therein, and covers 39, 41, 37 for closing the openings 38, 40, 58. <IMAGE>

IPC 1-7

F02D 9/10; **F02M 37/14**

IPC 8 full level

F02M 69/00 (2006.01); **F02D 9/10** (2006.01); **F02M 37/04** (2006.01); **F02M 37/14** (2006.01); **F02M 69/04** (2006.01)

CPC (source: EP)

F02D 9/10 (2013.01); **F02M 37/14** (2013.01)

Citation (search report)

- [PXA] JP H11303702 A 19991102 - KEIHIN CORP
- [DA] JP H10122101 A 19980512 - KEIHIN CORP
- [A] DE 4201401 A1 19930722 - BOSCH GMBH ROBERT [DE]
- [A] DE 19820421 A1 19981112 - HITACHI LTD [JP], et al
- [A] US 5482021 A 19960109 - ROCHE RONALD H [US]
- [A] JP H02256838 A 19901017 - HONDA MOTOR CO LTD

Cited by

DE10111707B4; EP1918567A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1096123 A1 20010502; **EP 1096123 B1 20020102**; ES 2170046 T3 20020801; JP 2001123919 A 20010508; JP 3748747 B2 20060222

DOCDB simple family (application)

EP 00119635 A 20000908; ES 00119635 T 20000908; JP 30367899 A 19991026