

Title (en)

Fuel supply system for internal combustion engine especially in a motor vehicle

Title (de)

Kraftstoffversorgungssystem für eine Brennkraftmaschine insbesondere eines Kraftfahrzeugs

Title (fr)

Système d'alimentation en carburant d'un moteur à combustion interne notamment dans un véhicule automobile

Publication

**EP 1178205 A3 20040102 (DE)**

Application

**EP 01116806 A 20010710**

Priority

DE 10038555 A 20000803

Abstract (en)

[origin: EP1178205A2] The second pump (6) is speed-controlled and/or -regulated (19, 20, 21) An Independent claim is included for the corresponding fuel supply system.

IPC 1-7

**F02D 41/38**; **F02M 63/02**; **F02D 41/30**

IPC 8 full level

**F02M 37/08** (2006.01); **F02D 41/02** (2006.01); **F02D 41/04** (2006.01); **F02D 41/30** (2006.01); **F02D 41/32** (2006.01); **F02D 41/38** (2006.01); **F02D 45/00** (2006.01); **F02M 55/02** (2006.01); **F02M 63/02** (2006.01)

CPC (source: EP)

**F02D 41/3082** (2013.01); **F02D 41/3845** (2013.01); **F02D 41/3863** (2013.01); **F02M 63/0225** (2013.01); **F02D 2041/389** (2013.01); **F02D 2250/31** (2013.01)

Citation (search report)

- [X] EP 0725212 A2 19960807 - ZEXEL CORP [JP]
- [A] EP 0831220 A2 19980325 - MITSUBISHI MOTORS CORP [JP]
- [E] EP 1149239 A1 20011031 - BOSCH GMBH ROBERT [DE]
- [X] DE 19742993 A1 19990401 - SIEMENS AG [DE]
- [X] FR 2775319 A1 19990827 - SAGEM [FR]
- [DA] DE 19853823 A1 20000525 - BOSCH GMBH ROBERT [DE]
- [A] US 5626121 A 19970506 - KUSHIDA TAKEO [JP], et al

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1178205 A2 20020206**; **EP 1178205 A3 20040102**; **EP 1178205 B1 20080514**; DE 10038555 A1 20020221; DE 50113962 D1 20080626; ES 2304363 T3 20081016; JP 2002106400 A 20020410

DOCDB simple family (application)

**EP 01116806 A 20010710**; DE 10038555 A 20000803; DE 50113962 T 20010710; ES 01116806 T 20010710; JP 2001236599 A 20010803