

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