

Title (en)
"Fuel pump module"

Title (de)
Brennstoffpumpenmodul

Title (fr)
Module de pompe à carburant

Publication
EP 1160446 B1 20040421 (EN)

Application
EP 01112720 A 20010525

Priority
JP 2000158391 A 20000529

Abstract (en)
[origin: EP1160446A2] A fuel pump module is prevented which can be miniaturized, and handled economically with low costs even if some parts therein fail. The fuel pump module comprises a pumping functional portion having only pump function and pumping fuel accommodated in a reservoir, a strainer linked to the pumping functional portion via a first fuel passage, a backflow-preventing functional portion attached to the first fuel passage and preventing backflow of fuel which flows through the first fuel passage, a second fuel passage for guiding the fuel from the strainer to an engine, and a pressure-regulating functional portion connected to the second fuel passage and keeping fuel pressure in the second fuel passage constant, wherein the pumping functional portion, the backflow-preventing functional portion, and the pressure-regulating functional portion are again integrated into one after being divided per a single function. <IMAGE>

IPC 1-7
F02M 37/10

IPC 8 full level
F02M 37/10 (2006.01); **F02M 69/00** (2006.01); **F02M 37/22** (2006.01)

CPC (source: EP)
F02M 37/103 (2013.01); **F02M 37/50** (2018.12)

Cited by
EP1657099A3; CN102352839A

Designated contracting state (EPC)
FR IT

DOCDB simple family (publication)
EP 1160446 A2 20011205; **EP 1160446 A3 20020522**; **EP 1160446 B1 20040421**; CN 1327124 A 20011219; JP 2001336461 A 20011207; JP 4410384 B2 20100203

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EP 01112720 A 20010525; CN 01120817 A 20010529; JP 2000158391 A 20000529