

Title (en)
"Fuel pump module"

Title (de)
Brennstoffpumpenmodul

Title (fr)
Module de pompe à carburant

Publication
EP 1160444 A3 20020522 (EN)

Application
EP 01112717 A 20010525

Priority
• JP 2000158390 A 20000529
• JP 2001081258 A 20010321

Abstract (en)
[origin: EP1160444A2] A fuel pump module is provided which reduces the number of parts thereof and has strong resistance to vibrations caused by driving a vehicle. The fuel pump module, having a reservoir formed in an inner surface of a lower case, a fuel passage for guiding to an engine the fuel accommodated in the reservoir, a pressure regulator held in the lower case to regulate fuel pressure of the fuel flowing through the fuel passage, and an upper case capped on the lower case, comprises an installing portion provided on the inner surface of the lower case and inside the reservoir, and a pressing portion provided inside the upper case to project therefrom as corresponding to the installing portion. The pressure regulator is sandwiched between the installing portion and the pressing portion. The auxiliary passage for locking the installing portion to both of the fuel passage and the strainer for fuel cleaning is provided. Return fuel from the held and fixed pressure regulator is returned to the reservoir.
<IMAGE>

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F02M 37/10

IPC 8 full level
F02M 37/00 (2006.01); **F02M 37/04** (2006.01); **F02M 37/10** (2006.01); **F02M 37/22** (2006.01)

CPC (source: EP)
F02M 37/103 (2013.01)

Citation (search report)
• [X] EP 0959241 A1 19991124 - MITSUBISHI ELECTRIC CORP [JP]
• [A] EP 0965747 A1 19991222 - MITSUBISHI ELECTRIC CORP [JP]
• [A] US 5649514 A 19970722 - OKADA KINGO [JP], et al

Cited by
EP2706219A3; US7306715B2

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 1160444 A2 20011205; EP 1160444 A3 20020522; EP 1160444 B1 20050302; CN 1298989 C 20070207; CN 1327123 A 20011219;
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