

Title (en)
PUMP UNIT

Title (de)
PUMPENEINHEIT

Title (fr)
ENSEMBLE POMPE

Publication
EP 1554486 A1 20050720 (DE)

Application
EP 03757927 A 20031009

Priority
• DE 10249953 A 20021026
• EP 0311156 W 20031009

Abstract (en)
[origin: WO2004038211A1] The invention relates to a fuel supply unit for an internal combustion engine. The gas feed pump, the fuel pump and the electric motor comprises in the fuel supply unit form a pump unit, whereby the electric motor is installed such as to be able to drive both pumps.

IPC 1-7
F02M 37/10; **F02M 1/16**

IPC 8 full level
F02M 1/16 (2006.01); **F02M 37/10** (2006.01)

CPC (source: EP US)
F02M 1/165 (2013.01 - EP US); **F02M 37/10** (2013.01 - EP US)

Citation (search report)
See references of WO 2004038211A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
WO 2004038211 A1 20040506; DE 10249953 A1 20040519; DE 50313425 D1 20110303; EP 1554486 A1 20050720; EP 1554486 B1 20110119; JP 2006504027 A 20060202; JP 4169005 B2 20081022; US 2005224056 A1 20051013; US 7055511 B2 20060606

DOCDB simple family (application)
EP 0311156 W 20031009; DE 10249953 A 20021026; DE 50313425 T 20031009; EP 03757927 A 20031009; JP 2004545821 A 20031009; US 11098805 A 20050420