

Title (en)
EJECTOR PUMP

Title (de)
SAUGSTRAHLPUMPE

Title (fr)
POMPE A JET ASPIRANT

Publication
EP 1155230 B1 20060118 (DE)

Application
EP 00976064 A 20001122

Priority
• DE 19957066 A 19991126
• EP 0011607 W 20001122

Abstract (en)
[origin: WO0138719A1] The invention relates to an ejector pump (8) for a delivery unit which is located in a fuel tank of a motor vehicle. Said pump has a nozzle (10) which is produced as one piece with a mixing tube (18). The mixing tube (18) is configured as a tubular cylinder, in such a way that practically the entire ejector pump (8) can be manufactured from plastic in a tool mould which demoulds axially. As a result, the nozzle (10) is aligned directly opposite the injector (18). The ejector pump (8) is therefore highly effective.

IPC 8 full level
F02M 37/02 (2006.01); **F02M 37/18** (2006.01)

CPC (source: EP KR US)
F02M 37/02 (2013.01 - KR); **F02M 37/025** (2013.01 - EP US)

Designated contracting state (EPC)
DE ES FR GB SE

DOCDB simple family (publication)
WO 0138719 A1 20010531; BR 0007712 A 20011127; BR 0007712 B1 20100406; CN 1338026 A 20020227; DE 19957066 A1 20010531;
DE 50012089 D1 20060406; EP 1155230 A1 20011121; EP 1155230 B1 20060118; ES 2256058 T3 20060716; JP 2003515046 A 20030422;
KR 20010101711 A 20011114; US 6619927 B1 20030916

DOCDB simple family (application)
EP 0011607 W 20001122; BR 0007712 A 20001122; CN 00803092 A 20001122; DE 19957066 A 19991126; DE 50012089 T 20001122;
EP 00976064 A 20001122; ES 00976064 T 20001122; JP 2001540038 A 20001122; KR 20017009396 A 20010726; US 89003401 A 20011213