

Title (en)
FEED PUMP

Title (de)
FÖRDERPUMPE

Title (fr)
POMPE D'ALIMENTATION

Publication
EP 0934466 A1 19990811 (DE)

Application
EP 97910403 A 19971001

Priority
• DE 19643728 A 19961023
• EP 9705403 W 19971001

Abstract (en)
[origin: DE19643728A1] In a feed pump designed to feed fuel in a motor vehicle having two feed chambers (11, 12) facing each other, one of which is connected to an admission channel (18) while the other is connected to an outlet channel (19), the feed chamber (11) that is connected to the admission channel (18) has a settlement area (21) to which a compression area is attached (22) to initially settle down the fuel coming into the feed pump. Subsequently, gas bubbles specially present in hot fuel are dissolved by exceeding fuel steam pressure.

IPC 1-7
F04D 5/00

IPC 8 full level
F04D 5/00 (2006.01)

CPC (source: EP KR US)
F04D 5/00 (2013.01 - KR); **F04D 5/002** (2013.01 - EP US)

Citation (search report)
See references of WO 9817916A1

Cited by
DE102007003555B4

Designated contracting state (EPC)
DE ES FR GB

DOCDB simple family (publication)
DE 19643728 A1 19980430; BR 9713271 A 20000328; CN 1082629 C 20020410; CN 1234097 A 19991103; DE 59707441 D1 20020711; EP 0934466 A1 19990811; EP 0934466 B1 20020605; ES 2177951 T3 20021216; HK 1022508 A1 20000811; KR 20000049235 A 20000725; US 6152687 A 20001128; WO 9817916 A1 19980430

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