

Title (en)
Transfer pump

Title (de)
Förderpumpe

Title (fr)
Pompe de transfert

Publication
EP 0939223 A3 20000503 (EN)

Application
EP 98310488 A 19981221

Priority
GB 9804114 A 19980227

Abstract (en)
[origin: EP0939223A2] A transfer pump for use with a high pressure pump having a rotary drive member (10) and a stationary part (16), comprises a plurality of pumping elements (26) reciprocable within bores (24) provided in the drive member (10), the bores (24) extending generally parallel to the axis of rotation of the drive member (10), the pumping elements (26) being reciprocable under the influence of a cam surface (28) defined by a surface of the stationary part (16) of the high pressure pump, the pumping elements (26) being biased towards the cam surface (28), and valve means associated with the bores (24) controlling the flow of the fuel to and from the bores (24). <IMAGE>

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F04B 1/20; F04B 23/06; F02M 37/04; F02M 39/00

IPC 8 full level
F02M 37/04 (2006.01); **F04B 1/20** (2006.01); **F04B 23/06** (2006.01)

CPC (source: EP)
F02M 37/043 (2013.01); **F04B 1/20** (2013.01); **F04B 23/06** (2013.01)

Citation (search report)
• [A] DE 4442061 A1 19950601 - LINDE AG [DE]
• [A] GB 1265922 A 19720308
• [A] EP 0548000 A2 19930623 - STANADYNE AUTOMOTIVE CORP [US]
• [A] US 5688110 A 19971118 - DJORDJEVIC ILIJA [US]
• [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 014 (M - 352) 22 January 1985 (1985-01-22)

Designated contracting state (EPC)
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