

Title (en)
High pressure pump

Title (de)
Hochdruckpumpe

Title (fr)
Pompe haute pression

Publication
EP 1022461 B1 20041006 (DE)

Application
EP 00100848 A 20000117

Priority
DE 19902324 A 19990121

Abstract (en)
[origin: EP1022461A2] The pump has at least one pump unit driven by a drive shaft (22) and a displacement casing (6) in which a piston (12) moves axially with its sliding shoe (14) against an eccentric ring (16) supported by a support piston (24) transmitting motion to the main piston via a holding device (40). The support piston is indirectly or directly prestressed against the sliding shoe.

IPC 1-7
F04B 1/04

IPC 8 full level
F04B 1/04 (2006.01)

CPC (source: EP)
F04B 1/0439 (2013.01)

Cited by
DE102006042765A1; WO2006048365A1; WO2004061303A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 1022461 A2 20000726; EP 1022461 A3 20010103; EP 1022461 B1 20041006; DE 19902324 A1 20000727; DE 50008042 D1 20041111

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