

Title (en)
Piston pump

Title (de)
Pumpe, insbesondere Plungerpumpe

Title (fr)
Pompe à piston

Publication
EP 1260712 A3 20040721 (DE)

Application
EP 02004477 A 20020227

Priority
DE 10125669 A 20010525

Abstract (en)
[origin: EP1260712A2] The plunger pump has a crank drive (3) driving the plunger (5) set in the housing. The plunger is fitted with elastic sealing means (7) which produce a pressure-tight seal with a lower housing chamber (19) which contains the crank drive. The sealing means are preferably fixed on the plunger on one side and on the housing on the other.

IPC 1-7
F04B 53/14

IPC 8 full level
F04B 39/00 (2006.01); **F04B 35/01** (2006.01); **F04B 53/14** (2006.01)

CPC (source: EP US)
F04B 53/143 (2013.01 - EP US)

Citation (search report)
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• [X] FR 2273961 A1 19760102 - VENDITTI BERNARD [FR]
• [X] US 4087213 A 19780502 - HADAMA SHIGEYUKI
• [A] US 4824342 A 19890425 - BUCK MICHAEL D [US]
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Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1260712 A2 20021127; EP 1260712 A3 20040721; EP 1260712 B1 20090401; AT E427425 T1 20090415; AU 3815902 A 20021128; AU 779301 B2 20050113; DE 10125669 A1 20021128; DE 10125669 B4 20060427; DE 50213406 D1 20090514; ES 2325148 T3 20090827; JP 2003028062 A 20030129; US 2002174767 A1 20021128; US 6622612 B2 20030923

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