

Title (en)
Hand actuated pump

Title (de)
Handbetätigte Pumpe

Title (fr)
Pompe à actionnement manuel

Publication
EP 1052025 B1 20050216 (DE)

Application
EP 00110054 A 20000512

Priority
• DE 19922340 A 19990514
• DE 29908586 U 19990514

Abstract (en)
[origin: EP1052025A2] The pump comprises a pump housing with pump cylinder (66) whose base opening has a suction intake valve and suction pipe nip. The wall of the slide piston has an H-shaped cross-section whose inner lower arm forms a sealing sleeve (132) whose internal diameter is less than the diameter of the shaft section (102) above a section (108) which has through openings (112). The lower of the shaft section changes into a conically tapering section (106) adjoined by the other shaft section which comprises an upper and lower section of the same diameter. The lower sealing lip of the slide piston is longer than the upper sealing lip. A taper surface (116) for the sealing sleeve the piston widens out conically downwards to include an acute angle of 10 to 15 degrees with the main axis of the pump.

IPC 1-7
B05B 11/00

IPC 8 full level
B05B 11/00 (2006.01)

CPC (source: EP)
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Cited by
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DE FR GB IT

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