

Title (en)
IMPROVED PRECOMPRESSION PUMP.

Title (de)
VORDRUCKPUMPE.

Title (fr)
POMPE A PRECOMPRESSION PERFECTIONNEE.

Publication
EP 0623060 B1 19950823 (FR)

Application
EP 93904092 A 19930119

Priority
• FR 9200559 A 19920120
• FR 9300046 W 19930119

Abstract (en)
[origin: WO9313873A1] A precompression pump comprising a cylindrical pump housing (1) containing a slidable annular plunger (3) controlled by a push rod (40) which slides in said plunger and comprises an outlet channel (41a, 42a) leading to the pump housing (1) via a side opening (42b). The plunger comprises a substantially axial annular lip (4) that interacts with the push rod to block or clear said side opening, said push rod being connected to the plunger by a first resilient member (47) which pushes the plunger back into a position in which said side opening is blocked, and radially urges said plunger towards an annular ram (44) which in turn radially urges said lip (4) towards the push rod (40) by wedging it. Said ram (44) is further designed to abut the plunger (3) outside said lip (4), whereby the movement of the ram (44) and plunger (3) towards one another, and therefore the radial stress imparted to said plunger lip (4), are limited.

IPC 1-7
B05B 11/00; **B65D 47/34**

IPC 8 full level
B65D 47/34 (2006.01); **B05B 11/00** (2006.01)

CPC (source: EP US)
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Cited by
WO2017044087A1; WO2017044085A1; WO2015191490A1; WO2015191494A1; WO2015191496A1; WO2015191515A1; WO2015191518A1; WO2015191492A1; WO2017044084A1; WO2015191491A1; WO2017044083A1; WO2015191495A1; WO2015191517A1

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