

Title (en)

Pump head for a piston pump

Title (de)

Pumpenkopf für eine Hubkolbenpumpe

Title (fr)

Tête de pompe pour pompe à piston

Publication

EP 0892174 B1 20011031 (DE)

Application

EP 98113123 A 19980715

Priority

- DE 19730550 A 19970717
- DE 29716906 U 19970920

Abstract (en)

[origin: EP0892174A2] A suction valve (27) is connectable to a fluid source and causes fluid to be sucked into the work chamber (9) via the suction stroke. A pressure valve (34) is connected to a pressure outlet (40), by means of which the aspirated fluid via the pressure stroke is pressable to the pressure outlet. The pressure and suction valves, together with the accommodation body (8), are integrated to form a structural commonly handleable complete unit. The pressure and/or suction valve are/is incorporated in the side wall of the accommodation body. The work chamber of the accommodation body at the end turned away from the pressure and/or suction valve is closed with one or more sealing devices (19,21,22).

IPC 1-7

F04B 53/00; F04B 53/10

IPC 8 full level

B08B 3/02 (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP)

B08B 3/026 (2013.01); **F04B 53/007** (2013.01)

Cited by

DE10146289A1; CN102755972A; EP2725226A1; CN103790819A; WO2013061346A3; WO2007101599A1

Designated contracting state (EPC)

BE DE DK ES FR GB IT

DOCDB simple family (publication)

EP 0892174 A2 19990120; **EP 0892174 A3 19990526**; **EP 0892174 B1 20011031**

DOCDB simple family (application)

EP 98113123 A 19980715