Title (en)

RECIPROCATING PUMP FOR A HIGH-PRESSURE CLEANING DEVICE

Title (de

KOLBENPUMPE FÜR EIN HOCHDRUCKREINIGUNGSGERÄT

Title (fr)

POMPE À PISTONS DESTINÉE À UN NETTOYEUR HAUTE PRESSION

Publication

EP 2137410 A1 20091230 (DE)

Application

EP 08707757 A 20080219

Priority

- EP 2008001250 W 20080219
- DE 102007020298 A 20070420

Abstract (en)

[origin: WO2008128591A1] The invention relates to a reciprocating pump for a high-pressure cleaning device, comprising at least one pump chamber, into which a reciprocating piston plunges, being connected via a suction valve to a suction line for drawing in fluid and being connected via a pressure valve to a pressure line for discharging pressurized fluid, wherein the reciprocating pump comprises a pump block into which the at least one piston extends, a pump head fitted on the pump block and furthermore the suction line and the pressure line. In order to refine the reciprocating pump such that it has a more simple design, it is proposed according to the invention that the pump head comprise tension rods extending at least partially beyond the pump block in the axial direction and being releaseably connected to the pump drive, wherein the pump block is clamped between the pump head and the pump drive.

IPC 8 full level

F04B 53/16 (2006.01); F04B 53/22 (2006.01)

CPC (source: EP)

F04B 53/16 (2013.01); F04B 53/22 (2013.01)

Citation (search report)

See references of WO 2008128591A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102007022298 A1 20081023; CN 101663487 A 20100303; CN 101663487 B 20150325; EP 2137410 A1 20091230; WO 2008128591 A1 20081030

DOCDB simple family (application)

DE 102007020298 À 20070420; CN 200880012805 À 20080219; EP 08707757 À 20080219; EP 2008001250 W 20080219