

Title (en)

High-pressure plunger pump, working preferably at pressures above 2000 bars.

Title (de)

Hochdruckplungerpumpe, vorzugsweise für Arbeitsdrücke oberhalb 2000 bar.

Title (fr)

Pompe haute-pressure à plongeur, travaillant de préférence à des pressions supérieures à 2000 bars.

Publication

EP 0551590 B1 19950503 (DE)

Application

EP 92119662 A 19921119

Priority

DE 4200536 A 19920111

Abstract (en)

[origin: EP0551590A1] 2.1 During operation of the pump, the pump head should not be subjected to load changes. Furthermore, the leakage fluid escaping at the joint surface or abutting surface of the parts (12, 13) of an insert should flow into the suction chamber (26) of the pump. 2.2 The abutting surface between the two parts (12, 13) of the insert is provided in a casing (1) chamber connected to the suction chamber (26). The pump head (2) is of monolithic design, and the seating (16) of the discharge valve (5) is situated in or near the dividing plane, between the casing (1) and the pump head (2). 2.3 The high-pressure plunger pump is used in the field of hydrodynamic cleaning, including that of concrete surfaces. <IMAGE>

IPC 1-7

F04B 53/00

IPC 8 full level

F04B 53/10 (2006.01); **F04B 53/00** (2006.01)

CPC (source: EP US)

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Cited by

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