

Title (en)  
HIGH-PRESSURE CLEANER

Title (de)  
HOCHDRUCKREINIGUNGSGERÄT

Title (fr)  
APPAREIL DE NETTOYAGE HAUTE PRESSION

Publication  
**EP 1141550 A1 20011010 (DE)**

Application  
**EP 99950746 A 19991015**

Priority  
• DE 19859336 A 19981222  
• EP 9907831 W 19991015

Abstract (en)  
[origin: US2002006340A1] In order for a high-pressure cleaner having a reciprocating pump, on which there is positioned a pump head into which at least one piston, which can be moved back and forth in the longitudinal direction of the reciprocating pump, projects, the pump head comprising a suction connection, for feeding a cleaning liquid, and a pressure connection, for discharging the cleaning liquid, accommodating a plurality of regulating valves, being produced from plastics and being braced with the reciprocating pump by means of a clamping element, to be developed such that it can be produced more cost-effectively and assembled more straightforwardly, it is proposed that the clamping element has at least one U-shaped clamping bracket with a base part butting against the pump head and with two legs which are aligned substantially in the longitudinal direction of the reciprocating pump and the free ends of which butt against an abutment surface, produced from metal, of a piston guide of the reciprocating pump and can be connected releasably to the reciprocating pump.

IPC 1-7  
**F04B 53/16**; **F04B 1/14**; **B08B 3/02**

IPC 8 full level  
**B08B 3/02** (2006.01); **F04B 1/14** (2006.01); **F04B 1/16** (2006.01); **F04B 53/00** (2006.01); **F04B 53/16** (2006.01)

CPC (source: EP US)  
**B08B 3/026** (2013.01 - EP US); **F04B 1/145** (2013.01 - EP US); **F04B 53/16** (2013.01 - EP US); **F05C 2225/00** (2013.01 - EP US); **F05C 2225/06** (2013.01 - EP US)

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**US 2002006340 A1 20020117**; **US 6474958 B2 20021105**; AT E279651 T1 20041015; AU 6340499 A 20000712; AU 749654 B2 20020627; AU 749654 C 20031218; BR 9916499 A 20010904; CA 2355741 A1 20000629; CA 2355741 C 20060131; CN 1087815 C 20020717; CN 1331784 A 20020116; DE 19859336 C1 20000629; DE 59910863 D1 20041118; EP 1141550 A1 20011010; EP 1141550 B1 20041013; JP 2002533610 A 20021008; JP 3554280 B2 20040818; WO 0037802 A1 20000629

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