

Title (en)  
PISTON PUMP FOR A HIGH-PRESSURE CLEANING DEVICE

Title (de)  
KOLBENPUMPE FÜR EIN HOCHDRUCKREINIGUNGSGERÄT

Title (fr)  
POMPE A PISTON POUR APPAREIL DE NETTOYAGE HAUTE PRESSION

Publication  
**EP 1047878 A1 20001102 (DE)**

Application  
**EP 98966605 A 19981201**

Priority

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- EP 9807791 W 19981201

Abstract (en)  
[origin: US6428291B1] In the case of a reciprocating pump for a high pressure cleaning appliance including a pump housing in which there is disposed at least one pumping chamber having an inlet valve, an outlet valve and a reciprocating piston that projects therein in sealed manner, said pump housing comprising a pump block and a pump head which abut closely together at a interface, wherein the pumping chambers and/or the connecting conduits penetrate the interface in sealed manner and, in the region of the interface, accommodate inserts that are insertable into the pumping chambers and/or the connecting conduits from the interface, said inserts being fixed between the pump block and the pump head when in their inserted position, it is proposed that the whole construction be simplified by making the inserts themselves and the region of the pumping chambers and the connecting conduits in which the inserts are accommodated out of a thermally softenable synthetic material, and by connecting the inserts to the wall of the pumping chamber or the connecting conduit in which they are accommodated by means of a welded joint.

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**F04B 53/00**

IPC 8 full level  
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Cited by  
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