

Title (en)
HIGH-PRESSURE CLEANING DEVICE

Title (de)
HOCHDRUCKREINIGUNGSGERÄT

Title (fr)
APPAREIL DE NETTOYAGE SOUS HAUTE PRESSION

Publication
EP 1328356 A1 20030723 (DE)

Application
EP 01992617 A 20011023

Priority
• DE 10053248 A 20001026
• EP 0112205 W 20011023

Abstract (en)
[origin: WO0236275A1] The invention relates to a high-pressure cleaning device comprising an electric motor (1), a pump (2) for transporting a cleaning fluid, and a piston (7) which can be displaced by the cleaning fluid according to the pressure or the flow rate thereof. The inventive device also comprises an electrical switch (10) which can be actuated by the movement of the piston (7); electrical lines leading from the current source to the coils of the electric motor (1), said lines being arranged in the box frame (9); and devices which are placed on said box frame (9) and are used to fix the same (9) to the housing of the electric motor (1) and/or the pump (2). Said high-pressure cleaning device is characterised in that the switch (10) is arranged in the box frame (9); the walls of the box frame (9) comprise openings (13) for the electrical lines, outward-facing contacts being arranged in said openings and at least one opening being embodied as a multiple plug connector (16); the box frame is (9) fixed to the housing by means of a plug connection; and the multiple plug connectors (16) are arranged on the box frame in such a way that when said box frame (9) is fixed to the housing of the electric motor (1) and/or the pump (2), at least one corresponding plug connection (18) which is fixed to the housing in an adapted manner is forcibly connected.

IPC 1-7
B08B 3/02; H01H 9/08

IPC 8 full level
B08B 13/00 (2006.01); **B08B 3/02** (2006.01); **F04B 49/02** (2006.01); **F04B 49/10** (2006.01); **H01H 9/08** (2006.01)

CPC (source: EP US)
B08B 3/026 (2013.01 - EP US); **F04B 49/02** (2013.01 - EP US); **F04B 49/022** (2013.01 - EP US); **F04B 49/106** (2013.01 - EP US); **F04B 2205/04** (2013.01 - EP US); **F04B 2205/09** (2013.01 - EP US)

Citation (search report)
See references of WO 0236275A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 0236275 A1 20020510; AT E259260 T1 20040215; AU 2172502 A 20020515; BR 0114869 A 20040217; BR 0114869 B1 20100601; CN 1212899 C 20050803; CN 1471442 A 20040128; DE 10053248 A1 20020508; DE 50101486 D1 20040318; DK 1328356 T3 20040308; EP 1328356 A1 20030723; EP 1328356 B1 20040211; JP 2004512935 A 20040430; US 2004022639 A1 20040205; US 6866483 B2 20050315

DOCDB simple family (application)
EP 0112205 W 20011023; AT 01992617 T 20011023; AU 2172502 A 20011023; BR 0114869 A 20011023; CN 01818056 A 20011023; DE 10053248 A 20001026; DE 50101486 T 20011023; DK 01992617 T 20011023; EP 01992617 A 20011023; JP 2002539075 A 20011023; US 42264603 A 20030424