

Title (en)

AUTOMATIC SWITCH-ON DEVICE FOR A SUCTION APPARATUS

Publication

EP 0455226 A3 19920108 (DE)

Application

EP 91107026 A 19910430

Priority

DE 9005070 U 19900504

Abstract (en)

[origin: EP0455226A2] An automatic switch-on device for a suction apparatus is described, especially for a vacuum cleaner, the vacuum cleaner motor being switched on and off as a function of a connected operating device. In order to make it possible for the operating device to be connected and disconnected very precisely as a function of the vacuum cleaner switching-on, it is provided that the associated operating device is connected and disconnected, initially without taking into account the suction power of the vacuum cleaner, in that a shunt is arranged in the current path to the operating device, the voltage drop across which shunt is amplified, as a result of which a closing contact of a relay connects the vacuum cleaner motor to the mains voltage. If the filter becomes excessively contaminated, a reduced pressure membrane sensor is provided which interrupts the current to the installation socket via an alternating contact of a relay.

IPC 1-7

A47L 7/02; H02P 1/54

IPC 8 full level

A47L 9/28 (2006.01)

CPC (source: EP)

A47L 9/2831 (2013.01); **A47L 9/2842** (2013.01); **A47L 9/2857** (2013.01); **A47L 9/2889** (2013.01)

Citation (search report)

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