Title (en)

SUCTION APPARATUS FOR CLEANING PURPOSES

Title (de)

SAUGGERÄT FÜR REINIGUNGSZWECKE

Title (fr)

DISPOSITIF D'ASPIRATION À DES FINS DE NETTOYAGE

Publication

EP 2451332 B1 20181114 (DE)

Application

EP 09780233 A 20090707

Priority

EP 2009058574 W 20090707

Abstract (en)

[origin: WO2011003441A1] A suction apparatus (10; 170) for cleaning purposes, the suction apparatus having a dirt-collecting container (24) with a suction inlet (26) and a suction outlet (28) on which a filter (34) is held, a suction unit (44) for charging the dirt-collecting container (24) with negative pressure, an extraction chamber (102) between the suction unit (44) and the filter (34) with an external air inlet (112) via which external air can flow into the suction chamber (102) for acting upon the filter (34) on the clean space side, a valve device (64; 116; 128; 138; 188) with a valve seat (66; 132) forming the external air inlet (112) and a valve body (68; 186) which is movable relative to said valve seat and, in a closed position, bears in a sealing manner against the valve seat (66; 132) and, in an open position, opens up the valve seat (66; 132), and an actuating member (76; 172), by means of the actuation of which the valve body (68; 186) can be transferred from the closed position into the open position. In order to obtain a better suction result, it is proposed that the suction apparatus (10; 170) comprises an energy storage device (108; 118; 136; 140) to which energy which is to be stored can be supplied by actuation of the actuating member (76; 172) and from which stored energy can be released in order to transfer the valve body (68; 186) from the closed position into the open position.

IPC 8 full level

A47L 9/20 (2006.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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