

Title (en)  
VACUUM CLEANER

Title (de)  
SAUGREINIGUNGSGERÄT

Title (fr)  
APPAREIL DE NETTOYAGE PAR ASPIRATION

Publication  
**EP 1868478 A1 20071226 (DE)**

Application  
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Abstract (en)  
[origin: US2008086835A1] The invention relates to a vacuum cleaning device comprising a dirt collection container which has a suction inlet and is in flow connection with at least one suction unit via at least one filter and at least one suction line, and comprising at least one external air inlet which opens into the suction line downstream of the at least one filter and is adapted to be closed by means of at least one closing valve, the closing valve having a movable valve body which, in a closed position, bears against at least one valve seat so as to form one or more sealing lines, the at least one sealing line delimiting an area which, in the closed position of the closing valve, is acted upon by a differential pressure. In order to develop the vacuum cleaning device in such a way that the at least one closing valve is of structurally simple design and the at least one filter can be completely cleaned within a short period of time, the invention proposes that the square of the total length of all sealing lines is at least 25 times the total size of all areas which are delimited by the sealing lines and acted upon by a differential pressure.

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