

Title (en)

VACUUM CLEANER NOZZLE AND METHOD FOR OPERATING A VACUUM CLEANER NOZZLE

Title (de)

STAUBSAUGERDÜSE UND VERFAHREN ZUM BETRIEB EINER STAUBSAUGERDÜSE

Title (fr)

BUSE D'ASPIRATEUR POUR UN ASPIRATEUR ET PROCÉDÉ DE FONCTIONNEMENT D'UNE BUSE D'ASPIRATEUR

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Application

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Abstract (en)

[origin: WO2016155872A2] The invention relates to a method for operating a dirt collecting device for a sweeping vehicle or for a vacuum cleaner nozzle of a floor or an upright vacuum cleaner, which each comprise a suction fan that has a controllable speed and/or power, wherein in a first method step the suction power of the suction fan is set at such a low level that the suction pressure in the dirt collecting device or the vacuum cleaner nozzle is just sufficient to convey the absorbed coarse dirt into the intermediate container and deposit it there as well as to convey the absorbed fine dirt into a collection container arranged downstream thereof (normal operation). In a second method step, the filling level in the intermediate container with respect to the coarse particles deposited therein is detected and in a third method step, if the filling level in the intermediate container is exceeded, the suction power of the suction fan is increased in such a manner that the coarse dirt, which is temporarily deposited in the intermediate container, is dispersible and conveyed into the collection container arranged downstream thereof (emptying mode).

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