

Title (en)

REMOVABLE DUST COLLECTING RECEPTACLE

Title (de)

ENTNEHMBARER STAUBSAMMELBEHÄLTER

Title (fr)

RECIPIENT COLLECTEUR DE POUSSIÈRE AMOVIBLE

Publication

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Application

EP 04728788 A 20040422

Priority

- EP 2004004291 W 20040422
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Abstract (en)

[origin: WO2004093631A1] The invention relates to a removable dust collecting receptacle (7) for use in a dust compartment (3) of a vacuum cleaner, comprising a dust separator (31), which functions according to the centrifugal force principle and which has a dust collecting compartment (36) for collecting a dust fraction separated out of the air by the dust separator (31). Prior art dust collection receptacles have a drawback in that the fine dust, which is retained by the filter (25), remains adhered to the surface of the filter as a result of which the filter becomes clogged by the adhering fine dust over the span of the serviceable life thereof. According to the invention, the suction power of the vacuum cleaner is maintained over a long period of time by virtue of the fact that the dust collecting receptacle (7) has at least one second dust collecting compartment (42) for collecting at least one second dust fraction separated out by a separating device (45). The fine dust collected in the second dust collecting compartment (42) via the separating device (45) can no longer reach the filter, and the filter surface is prevented or largely prevented from being clogged by fine dust.

IPC 8 full level

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