

Title (en)  
VACUUM CLEANER COMPRISING A HAND PROTECTION ELEMENT

Title (de)  
STAUBSAUGER MIT EINGREIFSCHUTZELEMENT

Title (fr)  
ASPIRATEUR POURVU D'UN ÉLÉMENT DE PROTECTION DES MAINS

Publication  
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Application  
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Abstract (en)  
[origin: WO2011080037A1] The invention relates to a vacuum cleaner (10) comprising a dust chamber (11), a fan chamber (12) which is connected to the dust chamber (11) by means of the flow chamber, and a hand protection element (40) arranged in the air channel (20), said dust chamber housing a dust separation unit (14) and a motor ventilator unit (15) for generating a suction air flow is arranged in the flow chamber, said hand protection element (40) comprising at least one planar element (41) past which the suction air flow flows, and the hand protection element (40) is mounted upstream of the motor ventilator unit in the direction of the suction air flow (16). The planar element (41) is inclined in relation to the direction of transport of the suction air flow, in order to guide along an imaginary suction air flow which has a rotational pulse aligned to or counter to the direction of transport. This enables a structurally simple and economical vacuum cleaner (10) comprising a hand protection element (40) which prevents the user from injury from dangerous parts, such as the ventilator blades, to be produced. In particular, the resistance against the air suction flow by the hand protection element (40) can be reduced. This is achieved by the fact that the planar elements (41) of the hand protection element (40) are embodied as a propeller blade. Also, a compact hand protection element can be obtained.

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