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(54) Vacuum cleaner separator for high speed vacuum cleaner motor

(57) A vacuum cleaner separator (1) for vacuum cleaner high-speed motor, preferably for a household vacuum cleaner consists of a central revolved surface portion (2) comprising a basic cylindrical segment (3) extending on the side of a turbine wheel (4), wherein said revolved surface portion (2) is provided with blades (9). The vacuum cleaner separator (1) is characterised by the fact that said revolved surface portion (2) is extended in axial direction with a segment (5) formed as a lateral

surface area with said segment (3) of the coaxially running truncated cone, which is in contact with said segment (3) with the side having a smaller diameter and that said blades (9) extend to said segment (5). External edges (10) of said blades (9) are arranged on an apparent lateral surface area of the truncated cone, whose larger diameter lies adjacent to said turbine wheel (4). Said blades (9) are linked with each other on the side of said turbine wheel (4) by a sealing ring (11) lying within an opening (12) of a casing (13) of said turbine wheel (4).

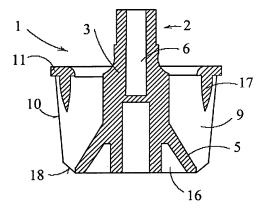


Fig. 2

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