

Title (en)
Suction nozzle for vacuum cleaner

Title (de)
Saugreinigungsgerät für Haushaltssauger

Title (fr)
Buse d'aspiration pour aspirateur

Publication
EP 1145677 B1 20011114 (DE)

Application
EP 00108121 A 20000413

Priority
EP 00108121 A 20000413

Abstract (en)
[origin: EP1145677A1] The device has a suction head, a turbine, a helical roller, a passage and a tilting outlet channel. The flow from the passage impinges on the Pelton wheel turbine tangentially. The roller is fitted with bristles whose ends lie in one of two concentric circular envelope curves, the smaller one mm. from the plane of the mouth edge sliding on the textile covering and the larger intersecting the plane of the mouth and protruding downwards by 2 mm. The device has a suction head (1), a turbine (3), a helical roller (6) driven by the turbine, a passage (8) and a tilting outlet channel (9) connected to the turbine chamber (4) with a suction tube connection port. The turbine is a Pelton wheel on which flow from the passage impinges tangentially. The roller is fitted with bristles (5) whose ends lie in one of two concentric circular envelope curves, the smaller one mm. from the plane of the mouth edge sliding on the textile covering and the larger intersecting the plane of the mouth and protruding downwards by 2 mm.

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A47L 9/04

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