

Title (en)
Improved domestic vacuum cleaner

Title (de)
Verbesserter Haushaltsstaubsauger

Title (fr)
Aspirateur domestique amélioré

Publication
EP 1621126 B1 20090819 (EN)

Application
EP 04425562 A 20040726

Priority
EP 04425562 A 20040726

Abstract (en)
[origin: EP1621126A1] The present invention relates to a vacuum cleaner for domestic cleaning of the type comprising a body (2) adapted to comprise suction means (5) in fluid communication with an air intake opening (8), filtering means (6A, 11) to filter the particles contained in the suctioned air, these filtering means (6A, 11) being interposed between the intake (8) and the suction means (5), an air discharge path adapted to convey a flow of air suctioned by the suction means (5) to an outlet opening (23) and a tank (3, 3A) for a fluid (17) associated with the body (2) in order to be interposed in fluid communication between the suction means (5) and the outlet (23). The vacuum cleaner has the-characteristic feature that the flow of air suctioned by the suction means (5) enters the tank (3, 3A) so as to impact the free surface (L) of the fluid (17) contained in the tank (3, 3A) and comprises means (19, 20, 23) for atomising and mixing the flow of air suctioned by the suction means (5) before this flow impacts the free surface (L) of the fluid (17) so as to extract the particles contained in the suctioned air.

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