

Title (en)
Vacuum cleaner with a centrifugal separator

Title (de)
Staubsauger mit einem Fliehkraftabscheider

Title (fr)
Aspirateur doté d'un séparateur de force centrifuge

Publication
EP 2198766 B1 20150304 (DE)

Application
EP 09177830 A 20091203

Priority
DE 102008055046 A 20081219

Abstract (en)
[origin: EP2198766A2] The vacuum cleaner (1) has a centrifugal separator e.g. cyclone separator, comprising an air inlet channel connected with a suction air guide (4) and running into a separation chamber. The separator has an air guiding unit in form of a surface that has an edge comprising an exterior corner arranged in a radial angle range orthogonal to an axis of the chamber. A zero position of the angle range is formed from a radius of the chamber and an intersection point that represents transition of the channel into the chamber facing screwing of a chamber curve about a longitudinal axis of the separator.

IPC 8 full level
A47L 9/16 (2006.01)

CPC (source: EP)
A47L 9/1608 (2013.01); **A47L 9/165** (2013.01)

Cited by
CN102485153A; EP2617281A1; US9265391B2; WO2021119801A1

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