

Title (en)
Filtering device for vaccum cleaner

Title (de)
Filtervorrichtung für Staubsauger

Title (fr)
Dispositif de filtration pour aspirateur

Publication
EP 1584279 A2 20051012 (EN)

Application
EP 04022770 A 20040924

Priority
KR 20040023522 A 20040406

Abstract (en)
A filtering device for a vacuum cleaner comprises: a casing having a collecting space therein, a suction opening through which air including dust is sucked and a discharge opening through which purified air is discharged; a filter installed at the internal space of the casing, for filtering dust from air sucked through the suction opening; and a filter cleaning unit disposed to encompass an outer circumferential surface of the filter, for cleaning the filter by being rotated by a rotation force of air sucked through the suction opening. Accordingly, the filtering device can remove fine dust attached to the filter in a cleaning operation, thereby preventing a channel of the filter from being closed with the dust.

IPC 1-7
A47L 9/20

IPC 8 full level
A47L 9/10 (2006.01); **A47L 9/20** (2006.01)

CPC (source: EP KR US)
A47L 9/10 (2013.01 - KR); **A47L 9/20** (2013.01 - EP US)

Cited by
ES2268998A1; US9756999B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
US 2005217067 A1 20051006; AU 2004212623 A1 20051020; AU 2004212623 B2 20061102; CN 1679439 A 20051012; CN 1679439 B 20100526; EP 1584279 A2 20051012; EP 1584279 A3 20061122; JP 2005296623 A 20051027; KR 100585692 B1 20060607; KR 20050098186 A 20051011; RU 2004131359 A 20060410; RU 2276962 C1 20060527

DOCDB simple family (application)
US 94700704 A 20040921; AU 2004212623 A 20040920; CN 200410088312 A 20041108; EP 04022770 A 20040924; JP 2004355422 A 20041208; KR 20040023522 A 20040406; RU 2004131359 A 20041026