

Title (en)

Cyclone dust collecting apparatus with air outlet on the lower part and with a hinged cover

Title (de)

Zyklonstaubsammelvorrichtung mit Luftabfluss durch den unteren Teil und mit einem Klappdeckel

Title (fr)

Appareil de cyclone dépoussiérant avec sortie d'air dans la partie inférieure et un couvercle articulé

Publication

EP 1938736 A2 20080702 (EN)

Application

EP 07290971 A 20070802

Priority

KR 20060136890 A 20061228

Abstract (en)

A dust collecting apparatus for a vacuum cleaner according to the present disclosure includes an inner wall defining a cyclone chamber in which air is whirled; an outer wall which is apart from the inner wall at a distance to form a dust chamber together with the inner wall; an upper wall which is apart from an upper end of the inner wall and connected with an upper end of the upper wall; and a lower cover disposed at a lower side of the outer wall, wherein the air separated from dust is discharged through a lower part of the cyclone chamber, and the lower cover opens or closes the dust chamber.

IPC 8 full level

A47L 9/16 (2006.01); **B04C 5/187** (2006.01)

CPC (source: EP)

A47L 9/1683 (2013.01); **B04C 5/187** (2013.01)

Cited by

EP3248527A1; WO2014016008A3; US11918170B2; US11751733B2; US11910984B2; US11690489B2; US11950751B2; WO2010102394A1; US9826868B2; US10080473B2; US11330944B2; US11529031B2; US11622659B2; US9591952B2; US10105023B2; US10238250B2; US11253119B2; US11896186B1; US11969133B2

Designated contracting state (EPC)

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Designated extension state (EPC)

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