

Title (en)

A multi cyclone dust collector for a vacuum cleaner

Title (de)

Multizyklon-Staubsaugler für einen Staubsauger

Title (fr)

Collecteur poussière à cyclones multiples pour un aspirateur

Publication

EP 1774890 A3 20071212 (EN)

Application

EP 06291062 A 20060627

Priority

- US 72560905 P 20051011
- KR 20050102615 A 20051028
- KR 20060011668 A 20060207

Abstract (en)

[origin: EP1774890A2] A multi-cyclone dust collector including at least one first cyclone (10) forcing contaminants-laden air that is entered into a lower portion (22) of the at least one first cyclone (10) to whirl so as to centrifugally separate contaminants from the contaminants-laden air; and at least one second cyclone (60) being disposed around the at least one first cyclone (10), the at least one second cyclone (60) forcing semi-clean air that is discharged from the at least one first cyclone (10) and is entered into a lower portion of the at least one second cyclone (60) to whirl so as to centrifugally separate fine contaminants from the air.

IPC 8 full level

A47L 9/16 (2006.01); **B04C 5/13** (2006.01)

CPC (source: EP)

A47L 9/1625 (2013.01); **A47L 9/1641** (2013.01); **A47L 9/165** (2013.01); **A47L 9/1658** (2013.01); **A47L 9/1683** (2013.01); **B04C 5/13** (2013.01); **B04C 5/185** (2013.01); **B04C 5/26** (2013.01)

Citation (search report)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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