

Title (en)
Cyclonic dust collecting apparatus and vacuum cleaner

Title (de)
Zyklon-Staubsammelvorrichtung und Staubsauger

Title (fr)
Dispositif de collecte de poussières et aspirateur

Publication
EP 2119387 A1 20091118 (EN)

Application
EP 08103715 A 20080424

Priority
EP 08103715 A 20080424

Abstract (en)
A dust collecting apparatus (10) for separating particles from an airflow, including at least a first cyclonic separator (27) for removing larger particles from the airflow and a plurality of second cyclonic separators (31) arranged in parallel and in tandem (42,44) with one another for removing smaller particles.

IPC 8 full level
A47L 9/16 (2006.01)

CPC (source: EP)
A47L 9/1625 (2013.01); **A47L 9/1633** (2013.01); **A47L 9/1641** (2013.01); **B04C 5/26** (2013.01); **B04C 5/28** (2013.01)

Citation (applicant)
• US 3425192 A 19690204 - DAVIS NORMAN E
• US 2006230724 A1 20061019 - HAN JUNG-GYUN [KR], et al
• US 2005252179 A1 20051117 - OH JANG-KEUN [KR], et al
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• EP 1676516 A1 20060705 - LG ELECTRONICS INC [KR]
• EP 1733672 A2 20061220 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
• WO 2008034325 A1 20080327 - SUZHOU KINGCLEAN FLOORCARE CO [CN], et al

Citation (search report)
• [XY] US 2006230724 A1 20061019 - HAN JUNG-GYUN [KR], et al
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• [YX] EP 1779761 A2 20070502 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
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• [AX] EP 1676516 A1 20060705 - LG ELECTRONICS INC [KR]
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WO2011037519A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

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