

Title (en)
ELECTRIC VACUUM CLEANER

Title (de)
ELEKTRISCHER STAUBSAUGER

Title (fr)
ASPIRATEUR ÉLECTRIQUE

Publication
EP 2848176 A4 20151216 (EN)

Application
EP 13786990 A 20130509

Priority
• JP 2012109679 A 20120511
• JP 2013063003 W 20130509

Abstract (en)
[origin: EP2848176A1] A dust collecting device (26) includes a first centrifugally separating part (41) for separating coarse dust in air containing dust, and second centrifugally separating parts (44) communicating with the first centrifugally separating part (41) and positioned above the first centrifugally separating part (41). The second centrifugally separating part (44) separates fine dust in air containing dust which has passed through the first centrifugally separating part (41). The dust collecting device (26) includes an opening/closing lid part (71) capable of opening/closing a part positioned under the second centrifugally separating parts (44). The opening/closing lid part (71) guides dust separated by the second centrifugally separating parts (44) to the first centrifugally separating part (41) by opening the part positioned under the second centrifugally separating parts (44).

IPC 8 full level
A47L 9/16 (2006.01); **A47L 9/10** (2006.01)

CPC (source: EP KR)
A47L 9/106 (2013.01 - EP); **A47L 9/16** (2013.01 - KR); **A47L 9/1633** (2013.01 - EP); **A47L 9/1641** (2013.01 - EP); **A47L 9/1683** (2013.01 - EP)

Citation (search report)
• [X] WO 0195780 A2 20011220 - FANTOM TECH INC [CA], et al
• [X] EP 1674023 A1 20060628 - LG ELECTRONICS INC [KR]
• [A] US 2011219574 A1 20110915 - CONRAD WAYNE ERNEST [CA]
• [A] GB 2453760 A 20090422 - DYSON TECHNOLOGY LTD [GB]
• [A] US 7651544 B1 20100126 - FESTER JOSEPH A [US], et al
• See references of WO 2013168754A1

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US10244909B2; US10322873B2; US10214349B2; US10464746B2; US10244910B2

Designated contracting state (EPC)
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EP 13786990 A 20130509; CN 201380024733 A 20130509; JP 2012109679 A 20120511; JP 2013063003 W 20130509; KR 20137014983 A 20130509; MY PI2014703189 A 20130509