

Title (en)
Dust separating apparatus

Title (de)
Staubabscheide-Vorrichtung

Title (fr)
Appareil séparateur de poussière

Publication
EP 1743558 A2 20070117 (EN)

Application
EP 06290127 A 20060118

Priority
• US 69838805 P 20050712
• KR 20050072796 A 20050809

Abstract (en)
A dust separating apparatus (100) for a vacuum cleaner having a casing (110), a cyclone unit (120) formed in the casing to filter contaminants from drawn-in air and discharge air removed of the contaminants, and a dust collection part (130) arranged in parallel with the cyclone unit (120) in the casing to collect the contaminant separated from the air by the cyclone unit (120). The casing (110) is substantially semicircular to correspond to the mounting chamber (13) of the vacuum cleaner body (11). On a bottom surface of the cyclone unit, an air inlet (111) and an air outlet are formed. The air outlet is formed at one side of the air inlet (111).

IPC 8 full level
A47L 9/16 (2006.01)

CPC (source: EP)
A47L 9/1683 (2013.01); **A47L 9/1691** (2013.01)

Citation (applicant)
• EP 1042981 A2 20001011 - ELECTROLUX AB [SE]
• DE 10356156 A1 20041230 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
• EP 1371318 A2 20031217 - HITACHI HOME & LIFE SOLUTIONS [JP]

Cited by
EP2201875A3; AU2009227855B2; EP2842470A1; DE102013217211A1; EP2201875A2; US8062398B2

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EP 1743558 A2 20070117; EP 1743558 A3 20071017; EP 1743558 B1 20121219; AU 2006200234 A1 20070201; AU 2006200234 B2 20080605; JP 2007021176 A 20070201; JP 4322257 B2 20090826; RU 2006102323 A 20070810; RU 2322175 C2 20080420

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