

Title (en)  
Multi dust-collecting apparatus

Title (de)  
Multi-Staubsammler

Title (fr)  
Collecteur de poussières multiple

Publication  
**EP 1707272 B1 20090701 (EN)**

Application  
**EP 06290098 A 20060116**

Priority  
• US 66609305 P 20050329  
• KR 20050038050 A 20050506

Abstract (en)  
[origin: EP1707272A1] A multi dust-collecting apparatus for a vacuum cleaner separating dirt particles from air by taking two steps. The multi dust-collecting apparatus includes a dust-collecting unit to separate dirt particles from the air by using gravity and inertia, and a plurality of cyclones to swirl the air discharged from the dust-collecting unit and separate the dirt particles from the air by using centrifugal force.

IPC 8 full level  
**A47L 9/16** (2006.01); **B04C 5/04** (2006.01); **B04C 5/103** (2006.01); **B04C 5/185** (2006.01); **B04C 5/28** (2006.01); **B04C 9/00** (2006.01)

CPC (source: EP)  
**A47L 9/102** (2013.01); **A47L 9/1641** (2013.01); **B04C 5/04** (2013.01); **B04C 5/103** (2013.01); **B04C 5/185** (2013.01); **B04C 5/28** (2013.01); **B04C 9/00** (2013.01)

Cited by  
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DE ES FR GB IT

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**EP 1707272 A1 20061004; EP 1707272 B1 20090701**

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