

Title (en)  
VACUUM CLEANER

Title (de)  
STAUBSAUGER

Title (fr)  
ASPIRATEUR

Publication  
**EP 2094142 B1 20101215 (EN)**

Application  
**EP 07715373 A 20070223**

Priority  
• KR 2007000957 W 20070223  
• KR 20060106861 A 20061031  
• KR 20060106862 A 20061031

Abstract (en)  
[origin: WO2008054046A1] The present invention discloses a vacuum cleaner which can improve the cleaning performance by filtering off impurities from the sucked air twice according to a cyclone method, and allow the user to easily discharge the collected impurities. The vacuum cleaner includes a primary cyclone unit (100), a secondary cyclone unit (120), and a passage partition unit (131) formed between the primary cyclone unit and the secondary cyclone unit. The sucked air is primarily filtered in the primary cyclone unit (110), and secondarily filtered in the secondary cyclone unit (120), thereby improving the cleaning performance. In addition, a dust container (140) is detachably coupled to the primary cyclone unit (110) or the secondary cyclone unit (120). Therefore, the user can easily remove the impurities collected in the dust container (140) by separating the dust container (140) from the primary and secondary cyclone units.

IPC 8 full level  
**A47L 9/16** (2006.01); **B04C 5/26** (2006.01); **B04C 5/28** (2006.01)

CPC (source: EP US)  
**A47L 9/1625** (2013.01 - EP US); **A47L 9/1641** (2013.01 - EP US); **A47L 9/1666** (2013.01 - EP US); **B04C 5/13** (2013.01 - EP US); **B04C 5/26** (2013.01 - EP US); **B04C 5/28** (2013.01 - EP US); **B04C 2009/004** (2013.01 - EP US)

Cited by  
US11766157B2; US11517166B2; US11963652B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2008054046 A1 20080508**; AT E491383 T1 20110115; DE 602007011319 D1 20110127; EP 2094142 A1 20090902; EP 2094142 A4 20091125; EP 2094142 B1 20101215; US 2010005617 A1 20100114

DOCDB simple family (application)  
**KR 2007000957 W 20070223**; AT 07715373 T 20070223; DE 602007011319 T 20070223; EP 07715373 A 20070223; US 44689107 A 20070223