

Title (en)
Dust collector and vacuum cleaner

Title (de)
Staubsammelbehälter und Staubsauger

Title (fr)
Collecteur à poussières et aspirateur

Publication
EP 1980327 B1 20140806 (EN)

Application
EP 08160045 A 20070130

Priority
• EP 07101388 A 20070130
• KR 20060018119 A 20060224
• KR 20060045416 A 20060520

Abstract (en)
[origin: EP1839758A1] A dust collector and a vacuum cleaner are provided. The dust collector includes a dust separator, a dust container, and a plurality of press members. The dust separator separates dust contained in air. The dust container includes a dust storage part storing the separated. The press members are disposed in the dust container and interact with each other to decrease a volume of the dust. The vacuum cleaner includes a main body, a dust collector, and a plurality of press members. The main body includes an air suction device generating air suctioning force. The dust collector is detachably coupled to the main body and includes a dust separator separating dust contained in air by driving the air suction device and a dust container with a dust storage part. The press members are disposed in the dust container and interact with each other to decrease a volume of stored dust.

IPC 8 full level
B04C 5/185 (2006.01); **A47L 9/10** (2006.01); **A47L 9/16** (2006.01); **B04C 11/00** (2006.01)

CPC (source: EP)
A47L 9/108 (2013.01); **A47L 9/1683** (2013.01); **B04C 5/185** (2013.01)

Cited by
EP3015041A1; EP3998006A1; US10849476B2

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)
EP 1839758 A1 20071003; EP 1839758 B1 20091125; AT E449646 T1 20091215; AU 2007200406 A1 20070913; AU 2007200406 B2 20080821; DE 602007003396 D1 20100107; EP 1980327 A2 20081015; EP 1980327 A3 20130109; EP 1980327 B1 20140806; EP 1985372 A2 20081029; EP 1985372 A3 20110427; EP 1985372 B1 20140917; EP 1985373 A2 20081029; EP 1985373 A3 20110420; EP 1985373 B1 20140813; EP 1985374 A2 20081029; EP 1985374 A3 20110427; EP 1985374 B1 20141126; ES 2335149 T3 20100322; JP 2007222614 A 20070906; JP 4695102 B2 20110608

DOCDB simple family (application)
EP 07101388 A 20070130; AT 07101388 T 20070130; AU 2007200406 A 20070131; DE 602007003396 T 20070130; EP 08160033 A 20070130; EP 08160034 A 20070130; EP 08160041 A 20070130; EP 08160045 A 20070130; ES 07101388 T 20070130; JP 2007019861 A 20070130