

Title (en)
Vacuum cleaner

Title (de)
Staubsauger

Title (fr)
Aspirateur

Publication
EP 2077089 A3 20100203 (EN)

Application
EP 08160222 A 20080711

Priority
KR 20080000411 A 20080102

Abstract (en)
[origin: EP2077089A2] A vacuum cleaner is provided which includes a main cleaner body including a base body, and an upper case which is connected to the base body and includes a dust collecting chamber and a pair of exhaust ducts disposed on both sides thereof; a motor assembly mounted inside the main cleaner body to be disposed on a rear portion of the dust collecting chamber; an exhaust filter assembly to filter air discharged from the motor assembly; a main printed circuit board (PCB) including a circuit board mounted on a top surface of the upper case; and a heatsink, one side of which is connected to the circuit board, and an opposite side of which is disposed between the inside of the upper case and the outside of the motor assembly. The air filtered through the exhaust filter assembly is in contact with the heatsink to exchange heat with the heatsink prior to being discharged externally from the main cleaner body through the exhaust ducts.

IPC 8 full level
A47L 9/28 (2006.01); **A47L 7/04** (2006.01); **A47L 9/00** (2006.01); **A47L 9/12** (2006.01)

CPC (source: EP KR)
A47L 9/00 (2013.01 - KR); **A47L 9/0081** (2013.01 - EP); **A47L 9/10** (2013.01 - KR); **A47L 9/22** (2013.01 - KR); **A47L 9/2889** (2013.01 - EP)

Citation (search report)

- [A] JP 2004229911 A 20040819 - TOSHIBA TEC KK
- [A] DE 3815321 A1 19891116 - LICENTIA GMBH [DE]
- [A] EP 0375327 A1 19900627 - SANYO ELECTRIC CO [JP]
- [A] JP H10328083 A 19981215 - TEC CORP

Cited by
JP2014079448A; CN102106709A; CN104622389A; GB2567631A; CN109662647A; WO2017137329A1; WO2019077298A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 08160222 A 20080711; KR 20080000411 A 20080102; RU 2008131457 A 20080731