

Title (en)
Vacuum cleaner

Title (de)
Staubsauger

Title (fr)
Aspirateur

Publication
EP 1559359 A3 20060405 (DE)

Application
EP 05001761 A 20050128

Priority
DE 102004005500 A 20040130

Abstract (en)
[origin: EP1559359A2] The cleaner (10) has an upper and a lower shell housing with a centrally placed suction unit (34) and lower dirt collection box. The air flow is through two arcuate ducts (59,60) around the fan motor discharging through an opening (46) diametrically opposite the switch mechanism (50).

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

CPC (source: EP)
A47L 9/0081 (2013.01); **A47L 9/2836** (2013.01)

Citation (search report)
• [A] US 4655694 A 19870407 - BERFIELD ROBERT C [US]
• [DA] EP 0099466 A1 19840201 - OBERDORFER G WAP MASCH [DE]
• [A] US 5720074 A 19980224 - LEE JAE-DUCK [KR]

Cited by
CN109843134A; GB2587728A; GB2587728B; EP3673780A1; WO2019227216A1; WO2007025115A3; DE102018108559A1; WO2019197452A1; US7721384B2; US10827889B2; WO2018068850A1; US10932634B2; US11744421B2; US11116369B2; US11452412B2; US11937759B2; WO2014120107A2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1559359 A2 20050803; EP 1559359 A3 20060405; EP 1559359 B1 20100310; AT E460106 T1 20100315; DE 102004005500 A1 20050818; DE 502005009164 D1 20100422; DK 1559359 T3 20100517; PL 1559359 T3 20100831

DOCDB simple family (application)
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