

Title (en)
Vacuum cleaner nozzle with disposable cover sheet

Title (de)
Staubsaugerdüse mit Einwegabdeckfolie

Title (fr)
Buse d'aspirateur avec feuille de couverture jetable

Publication
EP 2052658 A3 20090715 (EN)

Application
EP 08017569 A 20081007

Priority
• US 98193507 P 20071023
• US 12730308 A 20080527

Abstract (en)
[origin: EP2052658A2] A vacuum cleaner base includes a source of suction and front wheels and rear wheels for wheeling the base across a floor. A nozzle assembly is attached to and supported by the base. The nozzle assembly includes a suction inlet and a sheet-pressing surface that are located in front of the front wheels. A disposable sheet is configured to be removably attached to the nozzle assembly such that, as the base is wheeled across the floor, the sheet-pressing surface presses the sheet against the floor to dislodge dirt from the floor, and the suction draws the dirt from the floor through the suction inlet.

IPC 8 full level
A47L 5/32 (2006.01); **A47L 9/04** (2006.01); **A47L 9/06** (2006.01)

CPC (source: EP US)
A47L 5/32 (2013.01 - EP US); **A47L 9/04** (2013.01 - EP US); **A47L 9/06** (2013.01 - EP US)

Citation (search report)
• [A] EP 1611830 A2 20060104 - ROYAL APPLIANCE MFG [US]
• [A] US 2003131441 A1 20030717 - MURPHY JOHN S [US], et al
• [AY] EP 1752079 A2 20070214 - SCOTT & FETZER CO [US]
• [A] EP 1486156 A2 20041215 - TSUIN BADO KOGYO KK [JP]
• [A] US 2002124346 A1 20020912 - STEINER RYAN S [US], et al
• [A] EP 1654974 A1 20060510 - INTERPUMP ENGINEERING SRL [IT]
• [XAY] JP H08294468 A 19961112 - SANYO ELECTRIC CO
• [Y] EP 1027855 A2 20000816 - DOUSS LINE S R L [IT]

Cited by
JP2012095784A; EP2675333A4

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)
EP 2052658 A2 20090429; EP 2052658 A3 20090715; AU 2008207571 A1 20090507; AU 2008207571 B2 20100304; CA 2639006 A1 20090423; CA 2639006 C 20110524; CN 101416845 A 20090429; NZ 570621 A 20090925; RU 2008141963 A 20100427; RU 2399363 C2 20100920; US 2009100636 A1 20090423

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