

Title (en)
Vacuum cleaner floor nozzle

Title (de)
Staubsauger-Bodendüse

Title (fr)
Buse d'aspirateur de sols

Publication
EP 2687139 A3 20170705 (DE)

Application
EP 13174946 A 20130703

Priority
DE 102012106570 A 20120719

Abstract (en)
[origin: EP2687139A2] The nozzle has a bottom slider (4) that is mounted in housing (1) such that to tilt around pivot axis (5). The slider is provided with a sliding surface (14) for resting on the floor of a textile surface and a suction inlet (6) in the bottom. The pivot axis of the slider is arranged in the working direction behind the suction inlet.

IPC 8 full level
A47L 9/02 (2006.01); **A47L 9/06** (2006.01)

CPC (source: EP)
A47L 9/0653 (2013.01)

Citation (search report)
• [XAYI] DE 2364750 A1 19750703 - WESSEL HANS
• [XI] EP 2338399 A2 20110629 - MIELE & CIE [DE]
• [Y] DE 102004061855 A1 20060202 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
• [Y] EP 0909548 A2 19990421 - AEG HAUSGERAETE GMBH [DE]
• [Y] WO 9966823 A1 19991229 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
EP4311463A1; EP3747328A1; FR3096571A1; FR3097417A1; EP3360452A1; EP3360453A1; FR3062562A1; FR3062563A1; CN108392137A; EP4226827A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2687139 A2 20140122; EP 2687139 A3 20170705; EP 2687139 B1 20180829; CN 103565358 A 20140212; CN 103565358 B 20160713; DE 102012106570 A1 20140123; DE 102012106570 B4 20140828

DOCDB simple family (application)
EP 13174946 A 20130703; CN 201310303994 A 20130719; DE 102012106570 A 20120719