

Title (en)
STATIC FLOOR NOZZLE FOR A VACUUM CLEANER

Title (de)
STATISCHE STAUBSAUGERBODENDÜSE

Title (fr)
BUSE STATIQUE D'ASPIRATEUR

Publication
EP 3366179 B1 20190724 (DE)

Application
EP 17157569 A 20170223

Priority
EP 17157569 A 20170223

Abstract (en)
[origin: CN108498005A] The invention relates to a static floor nozzle for a vacuum cleaner. The static floor nozzle includes a shell (1); and includes at least one suction inlet (2) arranged at a lower side of the shell and extending along a working direction (x) and a transverse direction (y). The suction inlet (2) is defined by a front suction inlet edge (3) and a back suction inlet edge (4). A suction space (5) is connected to an upper side of the suction inlet (2), and is connected to a suction channel (6) used for guiding suction of air flow. According to the static floor nozzle provided by the invention, a back tangent plane (15) having a width (a) between 3mm and 10mm is arranged in the suction space (5) departing from the front suction inlet edge (3). The back tangent plane (13) is inclined at an angle (alpha) of 30 to 60 degrees relative to a horizontal plane (13).

IPC 8 full level
A47L 9/00 (2006.01); **A47L 9/02** (2006.01); **A47L 9/06** (2006.01)

CPC (source: CN EP)
A47L 9/0081 (2013.01 - EP); **A47L 9/02** (2013.01 - CN EP); **A47L 9/0416** (2013.01 - CN); **A47L 9/0606** (2013.01 - EP);
A47L 9/106 (2013.01 - CN); **A47L 9/1683** (2013.01 - CN)

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

DOCDB simple family (publication)
EP 3366179 A1 20180829; EP 3366179 B1 20190724; CN 108498005 A 20180907; CN 108498005 B 20211217

DOCDB simple family (application)
EP 17157569 A 20170223; CN 201810056759 A 20180122