

Title (en)
NOZZLE FOR A FLOOR CLEANING DEVICE

Title (de)
DÜSE FÜR EIN BODENPFLEGEGERÄT

Title (fr)
BUSE POUR UN APPAREIL D'ENTRETIEN DU SOL

Publication
EP 2152135 B1 20111214 (DE)

Application
EP 08749186 A 20080428

Priority
• EP 2008003413 W 20080428
• DE 102007022256 A 20070509

Abstract (en)
[origin: US2010236019A1] A nozzle for a floor care appliance for cleaning surfaces. The nozzle includes a gliding sole disposed on a bottom side of the floor nozzle and has a suction mouth opening. A suction duct extends from the opening to a connection piece. A front suction mouth edge and a rear suction mouth edge bound the suction mouth with respect to a pushing direction of the floor nozzle. A rear pivot limit stop associated with the rear suction mouth edge and a front pivot limit stop associated with the rear suction mouth edge are included. The rear suction mouth edge projects beyond a plane of contact of the nozzle with the surface when the rear suction mouth edge engages the front pivot limit stop and when the floor nozzle is in a non-contacting position. The front pivot limit stop limits the pivoting angle of the rear suction mouth edge in a direction toward the front suction mouth edge such that the rear suction mouth edge is in a substantially vertical position with respect to the plane of contact when the rear suction mouth edge engages the front pivot limit stop.

IPC 8 full level
A47L 9/02 (2006.01)

CPC (source: EP US)
A47L 9/02 (2013.01 - EP US); **A47L 9/0666** (2013.01 - EP US)

Cited by
DE102014117418A1; US10299644B2; EP3298944A2; DE102016117864A1; EP3025626A1

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