

Title (en)
A nozzle for cleaning devices

Title (de)
Düse für Reinigungsvorrichtungen

Title (fr)
Buse de nettoyage de dispositifs

Publication
EP 2633792 B1 20200513 (EN)

Application
EP 13388002 A 20130227

Priority
DK PA201200163 A 20120229

Abstract (en)
[origin: EP2633792A2] A nozzle (1) for cleaning devices comprising a housing (2) having a suction channel (7), a neck (3) connected to the suction channel, and a coupling unit (4) connected to the neck. The neck is shaped as a funnel having an opening (7b) connected to the suction channel, wherein the opening has a width at least 30% of the width of a second opening (7a) of the suction channel. The suction channel (7) may have a depth which decreases from the neck (3) towards the ends of the nozzle. This reduces the pressure loss and provides a higher flow velocity at the ends of the nozzle and a more uniform distribution of the flow velocity over the width of the nozzle.

IPC 8 full level
A47L 9/02 (2006.01)

CPC (source: EP)
A47L 9/02 (2013.01)

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 2633792 A2 20130904; EP 2633792 A3 20151111; EP 2633792 B1 20200513

DOCDB simple family (application)
EP 13388002 A 20130227