

Title (en)
Nozzle for a floor cleaning machine

Title (de)
Düse für ein Bodenreinigungsgerät

Title (fr)
Buse pour un appareil de nettoyage du sol

Publication
EP 2659816 A3 20170830 (DE)

Application
EP 13165523 A 20130426

Priority
DE 102012207356 A 20120503

Abstract (en)
[origin: EP2659816A2] The nozzle (100) has a nozzle casing (110) provided in an insertion opening (140) at a side surface (150). A floor cleaning roller (120) comprises a cylindrical roller body portion and a closure structure (130) for the insertion opening, where the closure structure is rotatable to the roller body portion. The nozzle casing comprises counter lock structures assigned to respective lock structures to enable releasable and creatable positive connection between the nozzle casing and the closure structure.

IPC 8 full level
A47L 9/04 (2006.01)

CPC (source: EP)
A47L 9/02 (2013.01); **A47L 9/0455** (2013.01)

Citation (search report)

- [XAY] DE 60011805 T2 20050707 - TECNICA INTERNAT S R L [IT]
- [YA] US 6226832 B1 20010508 - MCCORMICK MICHAEL J [US]
- [A] EP 1639932 A2 20060329 - STEIN & CO GMBH [DE]

Cited by
WO2023152163A1; DE102022133009A1

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 2659816 A2 20131106; EP 2659816 A3 20170830; EP 2659816 B1 20210721; DE 102012207356 A1 20131107

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