

Title (en)  
FLOOR CARE NOZZLE

Title (de)  
FUSSBODENPFLEGEDÜSE

Title (fr)  
BUSE D'ENTRETIEN DES SOLS

Publication  
**EP 3222182 A1 20170927 (EN)**

Application  
**EP 16162190 A 20160324**

Priority  
EP 16162190 A 20160324

Abstract (en)  
In a floor care nozzle comprising a nozzle housing (HS), a mass (m) is vertically movable within the nozzle housing (HS). Preferably, the nozzle housing (HS) is provided with a damping element (DE) at a place where the mass (m) collides with the nozzle housing (HS), or the mass (m) is provided with a damping element (DE). Preferably, a total weight of the mass (m) is at least about 10% of a weight of the nozzle. Preferably, the mass (m) comprises a plurality of masses (m) distributed over a width of the nozzle housing (HS), wherein the number of masses (m) could be at least 3 and at most 6. Preferably, the nozzle housing (HS) comprises a plurality of containers (C) in which respective masses (m) can move, which are advantageously placed at a front end of the nozzle housing (HS).

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

CPC (source: EP RU)  
**A47L 9/02** (2013.01 - EP RU)

Citation (search report)

- [XA] GB 910697 A 19621114 - SIEMENS ELEKTROGERAETE GMBH
- [XA] US 2858560 A 19581104 - BODINE JR ALBERT G
- [XA] DE 1503919 A1 19701105 - WESSEL HANS [DE]

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 3222182 A1 20170927**; CN 108601494 A 20180928; CN 108601494 B 20200214; EP 3386362 A1 20181017; EP 3386362 B1 20190717; PL 3386362 T3 20191231; RU 2676620 C1 20190109; UA 124097 C2 20210721; WO 2017162850 A1 20170928

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**EP 16162190 A 20160324**; CN 201780008033 A 20170324; EP 17712789 A 20170324; EP 2017057056 W 20170324; PL 17712789 T 20170324; RU 2018130085 A 20170324; UA A201808086 A 20170324