

Title (en)
FLOOR BRUSH AND FLOOR SCRUBBER

Title (de)
BODENBÜRSTE UND BODENSCHRUBBER

Title (fr)
BROSSE À PLANCHERS ET RÉCUREUSE

Publication
EP 4285805 A4 20240918 (EN)

Application
EP 22921320 A 20220415

Priority

- CN 202220148002 U 20220119
- CN 202220143350 U 20220119
- CN 202220148003 U 20220119
- CN 2022087187 W 20220415

Abstract (en)
[origin: EP4285805A1] A floor brush, including: a housing (3); a first rolling brush (201); a second rolling brush (202); a front spraying plate (301); a rear spraying plate (302); a first scraper (401); a second scraper (402); a first sewage wiping member (601); a second sewage wiping member (602); a front evenly-spreading plate (501); and a rear evenly-spreading plate (502). A front suction port (1) is defined between the first scraper (401) and the first rolling brush (201), and a rear suction port (2) is defined between the second scraper (402) and the second rolling brush (202).

IPC 8 full level
A47L 11/30 (2006.01); **A47L 11/282** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP US)
A47L 11/302 (2013.01 - EP US); **A47L 11/4016** (2013.01 - EP US); **A47L 11/4041** (2013.01 - EP); **A47L 11/4044** (2013.01 - EP); **A47L 11/4088** (2013.01 - EP US)

Citation (search report)

- [XAI] CN 112971637 A 20210618 - SHENZHEN 3IROBOTIX CO LTD
- [XAI] CN 113069051 A 20210706 - SHENZHEN 3IROBOTIX CO LTD
- [A] EP 3714754 A1 20200930 - BISSELL INC [US]
- [A] CN 113116242 A 20210716 - SHENZHEN 3IROBOTIX CO LTD
- See also references of WO 2023137888A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4285805 A1 20231206; EP 4285805 A4 20240918; US 2023397788 A1 20231214; WO 2023137888 A1 20230727

DOCDB simple family (application)
EP 22921320 A 20220415; CN 2022087187 W 20220415; US 202318455652 A 20230825