

Title (en)
SURFACE CLEANING EXTRACTOR

Title (de)
OBERFLÄCHENREINIGUNGSVORRICHTUNG

Title (fr)
EXTRACTEUR POUR NETTOYAGE DE SURFACE

Publication
EP 4051076 A1 20220907 (EN)

Application
EP 20816662 A 20201029

Priority
• US 201962928689 P 20191031
• US 2020057943 W 20201029

Abstract (en)
[origin: US2021127935A1] An extractor includes a body, a recovery tank coupled to the body, and a liquid tank coupled to the body. The liquid tank is configured to hold a liquid. The extractor includes a base pivotably coupled to the body and configured to support the body above a cleaning surface. The extractor includes a fluid distributor coupled to the base. The fluid distributor is in fluid communication with the liquid tank and configured to dispense the liquid from the liquid tank onto the cleaning surface. The extractor includes a brush roll removably coupled to the base and a nozzle in fluid communication with the recovery tank. The nozzle is coupled to the base to block access to the brush roll. The nozzle is moveable relative to the base and the fluid distributor allowing access to the brush roll and enabling removal of the brush roll from the base.

IPC 8 full level
A47L 11/30 (2006.01)

CPC (source: CN EP KR US)
A47L 7/0009 (2013.01 - KR); **A47L 11/302** (2013.01 - CN EP KR US); **A47L 11/4016** (2013.01 - CN KR US);
A47L 11/4041 (2013.01 - CN EP KR US); **A47L 11/4044** (2013.01 - CN EP KR); **A47L 11/4088** (2013.01 - CN EP KR US)

Citation (search report)
See references of WO 2021087102A1

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)
US 2021127935 A1 20210506; AU 2020375829 A1 20220421; CN 114641230 A 20220617; EP 4051076 A1 20220907;
JP 2023500478 A 20230106; KR 20220071969 A 20220531; WO 2021087102 A1 20210506

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US 202017083982 A 20201029; AU 2020375829 A 20201029; CN 202080074890 A 20201029; EP 20816662 A 20201029;
JP 2022525085 A 20201029; KR 20227014344 A 20201029; US 2020057943 W 20201029