

Title (en)

WET CLEANING DEVICE FOR WET CLEANING A FLOOR SURFACE

Title (de)

NASSREINIGUNGSVORRICHTUNG ZUR NASSREINIGUNG EINER BODENFLÄCHE

Title (fr)

DISPOSITIF DE NETTOYAGE HUMIDE DESTINÉ AU NETTOYAGE HUMIDE D'UNE SURFACE DE PLANCHER

Publication

EP 3569128 B1 20211124 (DE)

Application

EP 19170616 A 20190423

Priority

DE 102018207428 A 20180514

Abstract (en)

[origin: US2019343357A1] A wet-cleaning apparatus for the wet cleaning of a floor surface includes a hand-guidance part, which is connected for pivoting articulation, about at least two joint axes, to a floor part, which in an operating state rests on the floor surface, and is in torque-transmitting operative connection with the floor part. At least one floor-treatment tool is arranged on the floor part and has two disc tools, which in the operating state rest on the floor surface, can be rotated in opposite directions by at least one drive and are arranged and/or configured such that, in the operating state, there is permanent linear propulsion along a cleaning direction onto the floor part. A suction-bar arrangement is arranged behind the floor-treatment tool, as seen in relation to the cleaning direction, and is intended for the suction removal of liquid from the floor surface. A pick-up device is arranged between the at least one floor-treatment tool and the suction-bar arrangement, as seen in the cleaning direction, and picks up and collects solid particles transported to the rear by the floor-treatment tool.

IPC 8 full level

A47L 11/00 (2006.01)

CPC (source: EP US)

A47L 11/283 (2013.01 - EP); **A47L 11/305** (2013.01 - EP US); **A47L 11/4013** (2013.01 - EP); **A47L 11/4016** (2013.01 - US); **A47L 11/4044** (2013.01 - US)

Cited by

CN111714038A

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

DOCDB simple family (publication)

DE 102018207428 B3 20190523; DK 3569128 T3 20220207; EP 3569128 A2 20191120; EP 3569128 A3 20191211; EP 3569128 B1 20211124; ES 2905913 T3 20220412; HU E057410 T2 20220528; PL 3569128 T3 20220502; US 11297993 B2 20220412; US 2019343357 A1 20191114

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