

Title (en)
WET CLEANING DEVICE

Title (de)
NASSREINIGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE NETTOYAGE HUMIDE

Publication
EP 3796821 B1 20211215 (EN)

Application
EP 19745180 A 20190801

Priority
• EP 18187638 A 20180807
• EP 2019070805 W 20190801

Abstract (en)
[origin: EP3607864A1] A wet cleaning device (WCD) comprises a mopping unit (MU) for wet cleaning a surface, and an arrangement (ST) for increasing a pressure of the mopping unit (MU) to the surface by means of suction. In one embodiment, the arrangement includes a hose at a side of the mopping unit(MU), the hose having an opening for applying suction to the surface. The hose may be present at opposite sides of the mopping unit(MU). Alternatively, the hose may be present around the mopping unit(MU). Preferably, a suction power of the arrangement is controllable. Advantageously, the suction power is controllable in dependence on a detection of stains, a speed of the wet cleaning device (WCD), and/or a type of the surface. If the wet cleaning device (WCD) is formed by a mopping robot vacuum cleaner, the suction for the arrangement (ST) is advantageously a part of a suction generated for vacuum cleaning.

IPC 8 full level
A47L 9/06 (2006.01)

CPC (source: EP KR US)
A47L 9/0686 (2013.01 - EP US); **A47L 9/2826** (2013.01 - US); **A47L 9/2842** (2013.01 - US); **A47L 11/302** (2013.01 - US); **A47L 11/4011** (2013.01 - KR US); **A47L 11/4036** (2013.01 - KR); **A47L 11/4044** (2013.01 - KR); **A47L 11/4094** (2013.01 - KR); **A47L 2201/00** (2013.01 - EP); **A47L 2201/06** (2013.01 - KR US)

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)
EP 3607864 A1 20200212; CN 112423636 A 20210226; EP 3796821 A1 20210331; EP 3796821 B1 20211215; KR 20210038440 A 20210407; PL 3796821 T3 20220411; US 2021251452 A1 20210819; WO 2020030526 A1 20200213

DOCDB simple family (application)
EP 18187638 A 20180807; CN 201980044791 A 20190801; EP 19745180 A 20190801; EP 2019070805 W 20190801; KR 20207037929 A 20190801; PL 19745180 T 20190801; US 201917262773 A 20190801