

Title (en)
FLOOR CLEANING DEVICE COMPRISING A PIVOTABLE DIRT RECEPTACLE

Title (de)
BODENREINIGUNGSGERÄT MIT SCHWENKBARER SCHMUTZAUFNAHME

Title (fr)
APPAREIL DE NETTOYAGE DU SOL COMPORTANT UN DISPOSITIF DE RÉCEPTION DE SALISSURES PIVOTANT

Publication
EP 2640248 A1 20130925 (DE)

Application
EP 10781654 A 20101115

Priority
EP 2010067482 W 20101115

Abstract (en)
[origin: WO2012065621A1] The invention relates to a floor cleaning device (10), comprising a storage reservoir (22) for a cleaning liquid that is to be applied onto a floor surface (16) to be cleaned, a cleaning device (20) for removing dirt from the floor surface (16), a dirt receptacle (28) for suctioning the removed dirt and cleaning liquid under the effect of a suction unit, and a dirt liquid container (24) for absorbing the suctioned dirt and the suctioned cleaning liquid. According to the invention, the dirt receptacle (28) is retained in a pivoting manner at the floor cleaning device (10) by at least one joint (64), which is composed of a first joint member (52) and a second joint member (50) that interacts with the first joint member, and is pivotable about at least one pivot axis (66, 68, 70). In order to provide such a floor cleaning device (10), the dirt receptacle (28) of which is pivotably retained in a simple and reliable manner at the floor cleaning device (10), it is proposed according to the invention that the first joint member (52) is a joint shell (58) and the second joint member (50) is a joint head (54) mounted in said joint shell.

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

CPC (source: EP)
A47L 11/302 (2013.01); **A47L 11/4044** (2013.01); **A47L 11/4052** (2013.01); **A47L 11/4072** (2013.01)

Citation (search report)
See references of WO 2012065621A1

Cited by
US10219670B2

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)
WO 2012065621 A1 20120524; CN 103200852 A 20130710; CN 103200852 B 20160406; DK 2640248 T3 20160912; EP 2640248 A1 20130925; EP 2640248 B1 20160608

DOCDB simple family (application)
EP 2010067482 W 20101115; CN 201080070172 A 20101115; DK 10781654 T 20101115; EP 10781654 A 20101115