

Title (en)
CLEANING DEVICE AND METHOD FOR OPERATING A CLEANING DEVICE

Title (de)
REINIGUNGSGERÄT UND VERFAHREN ZUM BETREIBEN EINES REINIGUNGSGERÄTS

Title (fr)
APPAREIL DE NETTOYAGE ET PROCÉDÉ DE FONCTIONNEMENT D'UN APPAREIL DE NETTOYAGE

Publication
EP 3547889 B1 20220216 (DE)

Application
EP 16806037 A 20161201

Priority
EP 2016079460 W 20161201

Abstract (en)
[origin: WO2018099567A1] The invention provides a cleaning device for cleaning a surface (18) in a forward direction (104), comprising a device body (24) having an underside (28) which faces the surface (18) to be cleaned during a cleaning procedure; at least one cleaning tool (44) which is disposed on the device body (24) and, at least in one partial area, projects beyond the underside (28) of the device body (24); and a dirty fluid guide element (92) which is allocated to the at least one cleaning tool (44) and, with respect to the forward direction (104), is disposed behind the at least one cleaning tool (44) on the device body (24), wherein the guide element (92) is movably disposed on the device body (24) and/or is designed to be movable and comprises at least one first position (122) in which, when in contact with the surface (18) to be cleaned, a gap (120) between the underside (28) of the device body (24) and the surface (18) to be cleaned can be covered, and at least one second position (128) in which the guide element (92) opens a gap (130) to the surface (18) to be cleaned, wherein a directing device (114) is disposed on the guide element (92) and is to be supported on the surface (18) to be cleaned and, upon movement on the surface (18) to be cleaned in the forward direction (104), brings the guide element (92) into the at least one first position (122) and holds said guide element in the at least one first position (122) and, upon movement in a reverse direction (106) counter to the forward direction (104), brings the guide element (92) into the at least one second position (128) and holds said guide element in the at least one second position (128).

IPC 8 full level
A47L 11/22 (2006.01); **A47L 11/24** (2006.01); **A47L 11/40** (2006.01)

CPC (source: EP)
A47L 11/24 (2013.01); **A47L 11/4016** (2013.01); **A47L 11/4044** (2013.01)

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 2018099567 A1 20180607; CN 110022747 A 20190716; CN 110022747 B 20220712; EP 3547889 A1 20191009; EP 3547889 B1 20220216; PL 3547889 T3 20220620

DOCDB simple family (application)
EP 2016079460 W 20161201; CN 201680091316 A 20161201; EP 16806037 A 20161201; PL 16806037 T 20161201