

Title (en)

CLEANING APPARATUS WITH SELECTABLE COMBING UNIT FOR REMOVING DEBRIS FROM CLEANING ROLLER

Title (de)

REINIGUNGSGERÄT MIT WÄHLBARER KÄMMEINHEIT ZUM ENTFERNEN VON RÜCKSTÄNDEN VON REINIGUNGSWALZEN

Title (fr)

APPAREIL DE NETTOYAGE AVEC UNITÉ DE PEIGNAGE SÉLECTIONNABLE PERMETTANT DE RETIRER DES DÉBRIS D'UN ROULEAU DE NETTOYAGE

Publication

EP 3731714 A4 20201223 (EN)

Application

EP 18897246 A 20181221

Priority

- US 201762610733 P 20171227
- US 201815917598 A 20180310
- US 201862717309 P 20180810
- US 2018067163 W 20181221

Abstract (en)

[origin: WO2019133497A1] A cleaning apparatus comprising a housing, at least one agitator configured to be rotatably coupled to the housing, a combing unit comprising a plurality of spaced teeth configured to contact the agitator for preventing build up and removing debris, and a switch configured to cause the combing unit to move between an active mode in which the plurality of spaced teeth are configured to contact the agitator for preventing build up and removing debris, and an inactive mode in which the plurality of spaced teeth are configured to not contact the agitator. The switch may be configured to cause the combing unit to rotate about a pivot axis between the active mode and the inactive mode. The switch may be configured to convert linear motion of the switch into the rotational motion of the combing unit about the pivot axis.

IPC 8 full level

A47L 9/04 (2006.01)

CPC (source: EP)

A47L 9/0411 (2013.01); **A47L 9/0477** (2013.01); **A47L 9/0488** (2013.01); **A47L 9/0613** (2013.01); **A47L 9/0633** (2013.01)

Citation (search report)

- [XA] WO 2016030756 A1 20160303 - ELECTROLUX AB [SE]
- [XA] US 2960714 A 19601122 - SENNE EDGAR P
- [XA] EP 2543301 A1 20130109 - SAMSUNG ELECTRONICS CO LTD [KR]
- [E] DE 102019106501 A1 20200917 - MIELE & CIE [DE]
- See also references of WO 2019133497A1

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)

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DOCDB simple family (application)

US 2018067163 W 20181221; CN 201880090292 A 20181221; EP 18897246 A 20181221