

Title (en)

MOP WITH FRINGE-LIKE HANGING CLEANING ELEMENTS

Title (de)

MOPP MIT STRANGARTIG HERABHÄNGENDEN REINIGUNGSELEMENTEN

Title (fr)

SERPILLIERE AVEC ÉLÉMENTS DE NETOYAGE PENDANTS EN FRANGES

Publication

EP 2809217 B1 20170208 (DE)

Application

EP 12809577 A 20121115

Priority

- DE 102012001932 A 20120202
- EP 2012004743 W 20121115

Abstract (en)

[origin: WO2013113343A1] The invention relates to a cleaning device (1, 1') comprising a head (2) on which cleaning elements (3, 3') are arranged, the cleaning elements (3, 3') hanging down from the head (2) in a strand-like manner. In order to solve the problem of designing and developing a cleaning device in such a manner that the cleaning elements can have a good cleaning effect on a surface to be cleaned, the cleaning device is characterised in that the cleaning elements (3, 3') have protruding spurs (4).

IPC 8 full level

A47L 13/20 (2006.01); **A47L 13/255** (2006.01)

CPC (source: EP)

A47L 13/255 (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 2013113343 A1 20130808; CN 104321002 A 20150128; DE 102012001932 A1 20130808; EP 2809217 A1 20141210;
EP 2809217 B1 20170208; ES 2623947 T3 20170712; PL 2809217 T3 20170831

DOCDB simple family (application)

EP 2012004743 W 20121115; CN 201280068995 A 20121115; DE 102012001932 A 20120202; EP 12809577 A 20121115;
ES 12809577 T 20121115; PL 12809577 T 20121115