

Title (en)
CLEANING PAD FOR A CLEANING DEVICE

Title (de)
REINIGUNGSTUCH FÜR EINE REINIGUNGSEINRICHTUNG

Title (fr)
CHIFFON DE NETTOYAGE POUR UN DISPOSITIF DE NETTOYAGE

Publication
EP 3424396 B1 20200610 (DE)

Application
EP 18181170 A 20180702

Priority
• DE 102017115032 A 20170705
• DE 102018100344 A 20180109

Abstract (en)
[origin: CN109199256A] The invention relates to a cleaning pad (1) for a cleaning device (2), in particular for a motor-driven wiper device, preferably for attachment to a swingingly driven vibration plate (3) of the cleaning device (2), wherein the cleaning pad (1) has an active side (4) for mechanical action on a surface to be cleaned, wherein the active side (4) of the cleaning pad (1) has plurality of active regions (6, 7, 8, 9) arranged side by side and having a plurality of fibers in an active plane (5), wherein at least two active regions (6, 7, 8, 9) have mutually different mechanical properties. In order to further develop such a cleaning pad (1), it is proposed that the active regions (6, 7, 8, 9) are selected from the group: active regions (6, 7) with ultra-micro fibers with a fineness of 0.3 dtex or smaller, active regions (7, 8) with ultrafine fibers with a fineness of greater than 0.3 dtex and less than 1.0 dtex, and active region (9) without fibers.

IPC 8 full level
A47L 11/26 (2006.01); **A47L 11/40** (2006.01); **A47L 13/16** (2006.01); **A47L 13/17** (2006.01)

CPC (source: CN EP)
A47L 11/26 (2013.01 - EP); **A47L 11/28** (2013.01 - CN); **A47L 11/40** (2013.01 - CN); **A47L 11/4036** (2013.01 - CN EP);
A47L 13/16 (2013.01 - EP); **A47L 13/17** (2013.01 - EP)

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 3424396 A2 20190109; EP 3424396 A3 20190116; EP 3424396 B1 20200610; CN 109199256 A 20190115; CN 109199256 B 20220524;
DE 102018112992 A1 20190110; ES 2805126 T3 20210210; JP 2019013755 A 20190131; TW 201907066 A 20190216

DOCDB simple family (application)
EP 18181170 A 20180702; CN 201810728977 A 20180705; DE 102018112992 A 20180530; ES 18181170 T 20180702;
JP 2018126290 A 20180702; TW 107123135 A 20180704