

Title (en)
BRUSH WITH ALTERNATE ROWS OF ANGLED TUFTS

Title (de)
BÜRSTE MIT ABWECHSELNDEN REIHEN VON ABGEWINKELTEN BÜSCHELN

Title (fr)
BROSSE À RANGÉES ALTERNÉES DE TOUFFES INCLINÉES

Publication
EP 3536190 B1 20210317 (EN)

Application
EP 19171296 A 20110624

Priority
• US 35869310 P 20100625
• EP 11733717 A 20110624
• US 2011001137 W 20110624

Abstract (en)
[origin: WO2012015464A2] A brush may include a first row of tufts and a second row of tufts. The tufts in the first row may be angled in a first direction while the tufts in the second row may be angled in a second direction that is different from the first direction.

IPC 8 full level
A46B 9/02 (2006.01); **A46B 9/06** (2006.01)

CPC (source: CN EP US)
A46B 9/02 (2013.01 - CN EP US); **A46B 9/025** (2013.01 - CN EP US); **A46B 9/06** (2013.01 - CN EP US); **A46B 2200/3093** (2013.01 - CN EP US)

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 2012015464 A2 20120202; WO 2012015464 A3 20120322; AU 2011283208 A1 20130110; AU 2011283208 B2 20150618;
BR 112012032555 A2 20161122; CA 2803117 A1 20120202; CA 2803117 C 20150317; CL 2012003597 A1 20140214;
CN 103200840 A 20130710; CN 103200840 B 20171024; CN 107713316 A 20180223; EP 2584932 A2 20130501; EP 2584932 B1 20190501;
EP 3536190 A2 20190911; EP 3536190 A3 20191106; EP 3536190 B1 20210317; EP 3838066 A1 20210623; EP 3838066 B1 20220831;
EP 4101339 A1 20221214; EP 4101339 B1 20240417; MX 2012014760 A 20130403; MX 351977 B 20171106; PL 2584932 T3 20190930;
US 2012090118 A1 20120419

DOCDB simple family (application)
US 2011001137 W 20110624; AU 2011283208 A 20110624; BR 112012032555 A 20110624; CA 2803117 A 20110624;
CL 2012003597 A 20121220; CN 201180030019 A 20110624; CN 201710859583 A 20110624; EP 11733717 A 20110624;
EP 19171296 A 20110624; EP 21155518 A 20110624; EP 22188505 A 20110624; MX 2012014760 A 20110624; PL 11733717 T 20110624;
US 201113168037 A 20110624