

Title (en)

METHOD AND DEVICE FOR PRODUCING BRISTLE ARRAYS FOR BRUSHES, AND A BRISTLE PRODUCTION MACHINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG VON BORSTENFELDERN FÜR BÜRSTEN SOWIE
BORSTENHERSTELLUNGSMASCHINE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FABRIQUER DES ENSEMBLES DE SOIES POUR DES BROSSES ET MACHINE À FABRIQUER DES SOIES

Publication

EP 3496568 A1 20190619 (DE)

Application

EP 18762231 A 20180809

Priority

- DE 102017125046 A 20171026
- EP 2018071570 W 20180809

Abstract (en)

[origin: WO2019081088A1] The invention relates to improvements in the technical field of producing bristle arrays for brushes. Inter alia, the method for producing bristle arrays is proposed in which bundle receiving portions (3) in a bristle array retainer plate (2) are filled with bundles of bristles with the aid of at least two different funneling plates (4, 5).

IPC 8 full level

A46D 3/00 (2006.01)

CPC (source: EP KR US)

A46B 9/04 (2013.01 - EP KR US); **A46D 3/00** (2013.01 - EP KR); **A46D 3/04** (2013.01 - EP KR US); **A46B 2200/1066** (2013.01 - KR US)

Citation (search report)

See references of WO 2019081088A1

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)

WO 2019081088 A1 20190502; CN 109963482 A 20190702; CN 109963482 B 20220128; DE 102017125046 A1 20190502;
EP 3496568 A1 20190619; EP 3496568 B1 20200311; JP 2021500088 A 20210107; JP 7275026 B2 20230517; KR 102607942 B1 20231129;
KR 20200077463 A 20200630; TW 201922141 A 20190616; TW I773811 B 20220811; US 11278111 B2 20220322; US 2021361062 A1 20211125

DOCDB simple family (application)

EP 2018071570 W 20180809; CN 201880003721 A 20180809; DE 102017125046 A 20171026; EP 18762231 A 20180809;
JP 2019517306 A 20180809; KR 20197008444 A 20180809; TW 107129908 A 20180828; US 201816337111 A 20180809