

Title (en)

DEVICE FOR PRODUCING ROUND BRUSHES

Title (de)

VORRICHTUNG ZUM HERSTELLEN VON RUNDBÜRSTEN

Title (fr)

DISPOSITIF POUR LA FABRICATION DE BROSSES RONDES

Publication

**EP 3448202 B1 20220907 (DE)**

Application

**EP 17718363 A 20170419**

Priority

- DE 102016107839 A 20160427
- EP 2017059268 W 20170419

Abstract (en)

[origin: WO2017186539A1] The invention relates to a device for producing round brushes, comprising drive rollers (22, 26) that are driven by a motor and that press, as wire halves are twisted together, a wire towards a rotating gripper (60). The wire material slides along on deflection devices (52, 54).

IPC 8 full level

**A46D 3/05** (2006.01); **A46D 9/02** (2006.01)

CPC (source: EP US)

**A46B 3/08** (2013.01 - US); **A46B 3/18** (2013.01 - US); **A46B 9/026** (2013.01 - US); **A46D 3/05** (2013.01 - EP US); **A46D 3/08** (2013.01 - US); **A46D 9/02** (2013.01 - 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 2017186539 A1 20171102**; CN 109152474 A 20190104; CN 109152474 B 20200908; DE 102016107839 A1 20171102; EP 3448202 A1 20190306; EP 3448202 B1 20220907; ES 2930806 T3 20221222; TW 201742574 A 20171216; TW I737719 B 20210901; US 10932558 B2 20210302; US 11737553 B2 20230829; US 2019125069 A1 20190502; US 2021137260 A1 20210513

DOCDB simple family (application)

**EP 2017059268 W 20170419**; CN 201780026205 A 20170419; DE 102016107839 A 20160427; EP 17718363 A 20170419; ES 17718363 T 20170419; TW 106114053 A 20170427; US 201716096831 A 20170419; US 202117152875 A 20210120