

Title (en)

FEEDING DEVICE FOR FEEDING BATCHES OF BRISTLE FILAMENTS TO A BRISTLE FILAMENT CARTRIDGE

Title (de)

ZUFÜHREINRICHTUNG ZUR ZUFÜHRUNG VON BORSTENFILAMENTCHARGEN ZU EINER BORSTENFILAMENTKASSETTE

Title (fr)

DISPOSITIF D'ALIMENTATION D'UNE CASSETTE DE FILAMENTS DE POILS EN CHARGES DE FILAMENTS DE POILS

Publication

**EP 3267835 B1 20220803 (DE)**

Application

**EP 16715846 A 20160408**

Priority

EP 2016057784 W 20160408

Abstract (en)

[origin: WO2017174152A1] The present invention relates to a feeding device for feeding batches of bristle filaments (2) to a bristle filament cartridge (204), wherein the feeding device has a vertical magazine (200) and at least one batch of bristle filaments (2) arranged therein. To prevent individual bristle filaments (6) from being forced out of the batch of bristle filaments (2) and to provide an ecologically optimized device, the batch of bristle filaments (2) is held in a reusable, circumferentially closed batch holder (1). According to an independent aspect, the invention similarly proposes a bristling device with the feeding device according to the invention, a bristle filament cartridge and a transfer means between the bristle filament cartridge and the feeding device. A corresponding method for providing a brush with bristles is also proposed.

IPC 8 full level

**A46D 3/08** (2006.01); **A46D 3/04** (2006.01); **A61D 1/08** (2006.01)

CPC (source: EP KR US)

**A46D 1/08** (2013.01 - EP KR US); **A46D 3/04** (2013.01 - EP KR US); **A46D 3/08** (2013.01 - US); **A46D 3/082** (2013.01 - EP KR US); **A46D 99/00** (2013.01 - US)

Citation (examination)

DE 3402051 A1 19850725 - ZAHORANSKY ANTON FA [DE]

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 2017174152 A1 20171012**; EP 3267835 A1 20180117; EP 3267835 B1 20220803; KR 102104378 B1 20200427; KR 20180004220 A 20180110; US 10646031 B2 20200512; US 2018153299 A1 20180607

DOCDB simple family (application)

**EP 2016057784 W 20160408**; EP 16715846 A 20160408; KR 20177034980 A 20160408; US 201615570028 A 20160408