Title (en)

Apparatus for making bristle tufts for use in the manufacture of brushes

Title (de)

Vorrichtung zur Erzeugung von Borstenbündeln für die Herstellung von Borstenwaren

Title (fr)

Dispositif pour préparer des faisceaux de poils pour la fabrication des brosses

Publication

EP 0472863 B1 19980902 (DE)

Application

EP 91111287 A 19910706

Priority

DE 4027288 A 19900829

Abstract (en)

[origin: EP0472863A1] An apparatus for making bristle tufts has a box-type magazine (1) for bristles (2), which have been cut to length, and at least one tubular tuft gripper (6) which can be inserted in the magazine (1) and thereby separates a bristle tuft from the bristle supply and which widens on the inside from the opening (22) over a short axial length (s) in a constant curve and, adjoining said curve, has an axially parallel wall (23) on the greatest part of its axial length with formation of a larger inside cross-section compared to the opening. The magazine (1) has an oscillating bottom (5), which "fluidises" the bristles, and an oscillating wall section (4) which jolts the bristles into a flush position. <IMAGE>

IPC 1-7

A46D 3/04; A46D 1/08

IPC 8 full level

A46B 3/22 (2006.01); **A46D 1/08** (2006.01); **A46D 3/04** (2006.01)

CPC (source: EP US)

A46D 1/08 (2013.01 - EP US); **A46D 3/045** (2013.01 - EP US)

Cited by

BE1009994A3; EP0676268A1; EP0864271A3; EP0853899A3; CN103637544A; EP1665951A3; FR2769477A1; EP1878355A1; BE1017222A3; WO2015068114A1; US2013241267A1; US9375077B2; WO9527605A1

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DOCDB simple family (application)

EP 91111287 A 19910706; AT 91111287 T 19910706; DE 4027288 A 19900829; DE 59109044 T 19910706; ES 91111287 T 19910706; JP 21333291 A 19910826; SU 5001495 A 19910828; UA 5001495 A 19910828; US 74807091 A 19910821