

Title (en)
Brush tamping machine

Title (de)
Bürsten-Stopfmaschine

Title (fr)
Machine à insérer pour brosses

Publication
EP 1803372 A2 20070704 (DE)

Application
EP 06026774 A 20061222

Priority
DE 202005020231 U 20051227

Abstract (en)
The brush (12) is clamped to a holding unit (10) opposite the bristle adding device (28, 29). A curved bristle connecting tool (29) with a holding element (28) at the front is joined with its rear end to a swivel arm (20) rotating around a vertical axle. A tongue (14), also slightly curved and joined to a swivel arm (16), is guided through a groove located at the connecting tool (28, 29) picking up a bunch of bristles from a supply element (22) and a piece of wire from a wire cutter (26) on its way.

Abstract (de)
Eine Bürsten-Stopfmaschine mit einem Borstenmagazin (24) und einem Stopfwerkzeug (29), das zwischen einer Bündel-Übernahmeposition und einer Stopfposition verstellbar ist, dadurch gekennzeichnet, daß das Stopfwerkzeug (29) um eine Achse (18) schwenkbar angebracht ist, so daß es sich zwischen der Übernahmeposition und der Stopfposition auf einem Kreisbogen bewegt.

IPC 8 full level
A46D 3/04 (2006.01); **A46D 3/08** (2006.01)

CPC (source: EP US)
A46D 3/042 (2013.01 - EP US); **A46D 3/082** (2013.01 - EP US)

Cited by
EP2098136A1; EP4201257A1; WO2017182525A1; BE1022749B1; CN107920656A; DE202015009043U1; WO2009049850A2; CN109068843A; KR20180135948A; DE102016107334B4; WO2016102223A1; DE102016107334A1; EP2203088B1

Designated contracting state (EPC)
BE DE ES IT

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
DE 202005020231 U1 20060330; DE 502006009094 D1 20110428; EP 1803372 A2 20070704; EP 1803372 A3 20100303; EP 1803372 B1 20110316; ES 2363367 T3 20110802; US 2007145812 A1 20070628; US 7866757 B2 20110111

DOCDB simple family (application)
DE 202005020231 U 20051227; DE 502006009094 T 20061222; EP 06026774 A 20061222; ES 06026774 T 20061222; US 64548606 A 20061226