Title (en)
Method for manufacturing wire-wound brushes

Title (de)
Verfahren zur Herstellung drahtgewickelter Bürsten

Title (fr)
Procédé pour la fabrication de brosses à fils enroulés

Publication
EP 1917886 A1 20080507 (EN)

Application
EP 07075755 A 20070904

Priority
BE 200600532 A 20061031

Abstract (en)
Method for manufacturing wire-wound brushes, which mainly consists in positioning one or several fibers (9) between two wire parts (4A-4B) by means of a gripper (8); in winding the wire parts (4A-4B) up to a desired winding degree; in opening the gripper (8) as soon as one or several fibers (9) have been clamped between both partly wound wire parts (4A-4B), whereby the winding of the wire parts (4A-4B) is split in at least two operational steps, namely a first winding step in which the wire parts (4A-4B) are being wound until at least one or several fibers (9) has/have been clamped between both wire parts (4A-4B), and at least one further winding step in which the wire parts (4A-4B) are being wound further up to the aforesaid desired winding degree.

IPC 8 full level
A46D 3/05 (2006.01)

CPC (source: EP)
A46D 3/05 (2013.01); A46B 2200/1053 (2013.01); A46B 2200/108 (2013.01)

Citation (search report)
- [X] GB 665097 A 19520116 - OSBORN MFG CO
- [XY] US 1888351 A 19321122 - LIPPS WILLIAM D
- [Y] US 2358443 A 19440919 - HENRY CAVE, et al
- [A] US 2483627 A 19491004 - DALE VERNON F
- [A] DE 19633081 C1 19980108 - WOEHLER TECH BUERSTEN MASCHINE [DE]
- [A] GB 2174895 A 19861119 - COLE RODNEY DAVID

Cited by
DE102008036206B4; DE102011015060A1; WO2021219310A1; DE102011015060B4; BE1021370B1; US10932558B2; US11737553B2; DE102008036206A1; US8915551B2; DE202011004383U1; DE102020111870B3

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1917886 A1 20080507; **EP 1917886 B1 20100804**; **EP 1917886 B8 20101117**; AT E476112 T1 20100815; BE 1017281 A3 20080506; DE 602007008185 D1 20100916

DOCDB simple family (application)
EP 07075755 A 20070904; AT 07075755 T 20070904; BE 200600532 A 20061031; DE 602007008185 T 20070904