

Title (en)  
Method of brush manufacture

Title (de)  
Verfahren zur Herstellung von Bürsten

Title (fr)  
Procédé pour la fabrication de brosses

Publication  
**EP 1142505 B1 20061206 (DE)**

Application  
**EP 01107718 A 20010330**

Priority  
DE 20006311 U 20000406

Abstract (en)  
[origin: US2001050507A1] A method of producing brushes by connecting platelets of a plastics material, having each tufts of brush bristles attached thereto and projecting from a first face, to an attachment surface portion of a brush body made of plastics, in particular the same plastics, by means of ultrasonic welding or glueing. Each of the platelets has a peripheral rim facing the brush body and having an edge formed thereon which acts as an energy concentrator in ultrasonic welding.

IPC 8 full level  
**A46D 3/04** (2006.01); **A46B 3/04** (2006.01)

CPC (source: EP US)  
**A46D 3/04** (2013.01 - EP US)

Cited by  
EP3753448A1; WO2020257819A1; EP2135526A1; DE102008029499A1; EP3753446A1; WO2020257817A1; EP3753445A1; EP3753447A1; EP3753449A1; WO2020257818A1; WO2020257816A1; WO2020257820A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**US 2001050507 A1 20011213; US 6779851 B2 20040824**; AT E347290 T1 20061215; DE 20006311 U1 20010809; DE 50111577 D1 20070118; EP 1142505 A2 20011010; EP 1142505 A3 20030611; EP 1142505 B1 20061206; ES 2275577 T3 20070616

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**US 82286501 A 20010402**; AT 01107718 T 20010330; DE 20006311 U 20000406; DE 50111577 T 20010330; EP 01107718 A 20010330; ES 01107718 T 20010330