

Title (en)

Applicator and method for producing an applicator

Title (de)

Applikator und Verfahren zum Herstellen eines Applikators

Title (fr)

Applicateur et procédé de fabrication d'un applicateur

Publication

**EP 1623651 A1 20060208 (DE)**

Application

**EP 04018716 A 20040806**

Priority

EP 04018716 A 20040806

Abstract (en)

A process for producing an applicator (12) with a holding section (18) and an applicator section (30), comprises injection moulding the applicator onto the holding section using an injection moulding machine. The applicator consists of plastic while the holder consists of a harder material. A mixed layer (32) is formed between the applicator and the holder. The moulding takes place at 60-80°C. The applicator consists of silicone rubber while the holder consists of a thermoplastic, eg polyethylene, polypropylene, PVC, polyacetate, polyacetal, polystyrol or polyamide.

IPC 8 full level

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CPC (source: EP US)

**A45D 40/28** (2013.01 - EP US); **A46B 1/00** (2013.01 - EP); **A46B 3/04** (2013.01 - EP); **A45D 40/20** (2013.01 - EP US); **A45D 40/205** (2013.01 - EP US); **A46B 2200/1053** (2013.01 - EP)

Citation (search report)

- [X] US 6616366 B1 20030909 - WEIHRAUCH GEORG [DE]
- [X] EP 1384417 A2 20040128 - BEIERSDORF AG [DE]
- [A] DE 10038536 A1 20020221 - ZAHORANSKY ANTON GMBH & CO [DE]
- [A] US 3895877 A 19750722 - FOMBY KENNETH A
- [A] US 5044041 A 19910903 - LJUNGBERG MATS [SE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1623651 A1 20060208**; AT E526847 T1 20111015; EP 1796506 A1 20070620; EP 1796506 B1 20111005; US 2007186950 A1 20070816; US 7874300 B2 20110125; WO 2006015652 A1 20060216

DOCDB simple family (application)

**EP 04018716 A 20040806**; AT 05762664 T 20050617; EP 05762664 A 20050617; EP 2005006558 W 20050617; US 55325105 A 20050617