

Title (en)

Non-contact process for decorating dye-permeable fibres of a cosmetic applicator

Title (de)

Kontaktloses Verfahren zum Dekorieren farbstoffdurchlässiger Fasern eines Kosmetikapplikators

Title (fr)

Procédé de non-contact pour la décoration de fibres perméables aux colorants d'un applicateur de cosmétique

Publication

**EP 2353879 A1 20110810 (EN)**

Application

**EP 10305132 A 20100209**

Priority

EP 10305132 A 20100209

Abstract (en)

The present invention provides a non-contact process for decorating dye-permeable fibres of a cosmetic applicator. The process comprises heating a dye-carrying surface of a carrier medium to a temperature sufficient to cause a dye plume to be released from said dye-carrying surface. The process further comprises placing said dye-permeable fibres of the cosmetic applicator at a distance from said dye-carrying surface in the path of the released dye plume, thereby allowing said dye to penetrate and decorate said dye-permeable fibres. The dimensions and the density of the dye plume can be optimised by controlled air flow. In an embodiment, the process comprises decorating all of the dye-permeable fibres simultaneously. Alternatively, the process comprises decorating only a portion of the fibres, the portion being either radial sections around a core to which the fibres are fitted, or longitudinal sections along the length of the core. In an embodiment, the distance between the free ends of the dye-permeable fibres and the dye-carrying surface is at least approximately 0.1mm.

IPC 8 full level

**B41M 5/035** (2006.01); **A45D 40/26** (2006.01)

CPC (source: EP US)

**B41M 5/0358** (2013.01 - EP US); **A45D 40/262** (2013.01 - EP US); **A45D 2040/0012** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2353879 A1 20110810**; **EP 2353879 B1 20121212**; US 2011191966 A1 20110811

DOCDB simple family (application)

**EP 10305132 A 20100209**; US 201113023574 A 20110209