

Title (en)

Rectangular stripper for flat brushes

Title (de)

Rechteckiger Abstreifer für Flachbürsten

Title (fr)

Démouleur carré pour brosses plates

Publication

EP 2446770 B1 20181010 (DE)

Application

EP 11186881 A 20111027

Priority

DE 202010014791 U 20101027

Abstract (en)

[origin: EP2446770A1] The scraper (1) has a rectangular aperture (3) closed by two opposite scrapper lips (4, 5) in a balanced condition. The lips are sectioned into multiple bending elements that are elastically deformed during inserting a cosmetic applicator. The bending elements clear a path for passage of the applicator via the aperture. A longitudinal axis of the bending element is bent against a longitudinal axis (L) of the scraper around an angle ranging from 85 to 50 degree. A free space (10) is provided between the bending elements. An independent claim is also included for a cosmetic applicator system including a cosmetic applicator.

IPC 8 full level

A45D 40/26 (2006.01)

CPC (source: EP US)

A45D 40/267 (2013.01 - EP US)

Citation (examination)

- US 5309929 A 19940510 - TOLL CHARLOTTE [US]
- EP 0761123 A1 19970312 - OREAL [FR]
- EP 0978241 A1 20000209 - OREAL [FR]

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

DE 202010014791 U1 20120130; CN 102450812 A 20120516; CN 102450812 B 20160601; EP 2446770 A1 20120502; EP 2446770 B1 20181010; PL 2446770 T3 20190228; US 2012148332 A1 20120614; US 9028161 B2 20150512

DOCDB simple family (application)

DE 202010014791 U 20101027; CN 201110332566 A 20111027; EP 11186881 A 20111027; PL 11186881 T 20111027; US 201113282318 A 20111026