

Title (en)
Device for applying a haircare product

Title (de)
Vorrichtung zum Auftragen eines Haarpflegeproduktes

Title (fr)
Dispositif pour l'application d'un produit capillaire

Publication
EP 1647198 B1 20180307 (FR)

Application
EP 05291983 A 20050923

Priority
FR 0452341 A 20041012

Abstract (en)
[origin: EP1647198A2] The applicator consists of a support (2) with a handle (12) and applicator elements in two groups (13, 14) projecting from one face. The applicator elements are positioned so that those (30) in the first group (13) are covered by outside rows (15, 16) of the elements in the second group (14). The elements in the second group are longer and set closer together than the elements in the first group, which can have at least two, and preferably three, different lengths.

IPC 8 full level
A45D 19/02 (2006.01); **A45D 24/22** (2006.01); **A46B 9/02** (2006.01)

CPC (source: EP KR US)
A45D 19/0066 (2021.01 - KR); **A45D 19/026** (2021.01 - EP KR US); **A45D 24/22** (2013.01 - KR); **A46B 9/02** (2013.01 - KR); **A46B 9/021** (2013.01 - EP US); **A46B 2200/1046** (2013.01 - EP US); **A46B 2200/106** (2013.01 - EP US)

Cited by
EP2367456A4; FR2949185A1; US9681725B2; WO2010065188A2; USRE46939E; USRE47359E; USRE47847E

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1647198 A2 20060419; EP 1647198 A3 20100908; EP 1647198 B1 20180307; BR PI0504475 A 20060912; BR PI0504475 B1 20220215; CN 100443008 C 20081217; CN 1759783 A 20060419; ES 2670350 T3 20180530; FR 2876255 A1 20060414; FR 2876255 B1 20070406; JP 2006110350 A 20060427; KR 100702380 B1 20070402; KR 20060052229 A 20060519; US 2006076030 A1 20060413; US 7650893 B2 20100126

DOCDB simple family (application)
EP 05291983 A 20050923; BR PI0504475 A 20050930; CN 200510113797 A 20051010; ES 05291983 T 20050923; FR 0452341 A 20041012; JP 2005296787 A 20051011; KR 20050096058 A 20051012; US 24737505 A 20051012