

Title (en)
APPLICATOR IN THE SHAPE OF A SPIRAL WITH A SUPPORTING CORE

Title (de)
SPIRALFÖRMIGER APPLIKATOR MIT STÜTZKERN

Title (fr)
APPLICATEUR EN FORME DE SPIRALE AVEC UN NOYAU DE SUPPORT

Publication
EP 3986208 A1 20220427 (EN)

Application
EP 20732638 A 20200618

Priority
• EP 19182051 A 20190624
• EP 2020067038 W 20200618

Abstract (en)
[origin: WO2020260142A1] Cosmetic applicator for applying a substance to keratin fibers with an applicator device, whereas the applicator device consists of a guiding element and a coil spring element, whereas the guiding element is positioned in the central area of the coil spring element win ding more than one time completely around the guiding element, characterized in that the spring element carries spikes protruding in outward direction from the spring element.

IPC 8 full level
A45D 34/04 (2006.01); **A45D 40/26** (2006.01); **A46B 9/02** (2006.01)

CPC (source: CN EP KR US)
A45D 34/045 (2013.01 - EP KR); **A45D 40/26** (2013.01 - CN); **A45D 40/265** (2013.01 - EP KR); **A45D 40/267** (2013.01 - US); **A46B 7/02** (2013.01 - US); **A46B 9/021** (2013.01 - EP KR US); **A45D 34/045** (2013.01 - US); **A45D 34/046** (2013.01 - US); **A45D 40/265** (2013.01 - US); **A45D 2200/054** (2013.01 - US); **A45D 2200/10** (2013.01 - EP KR); **A46B 2200/1046** (2013.01 - US); **A46B 2200/1053** (2013.01 - EP KR)

Citation (search report)
See references of WO 2020260142A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2020260142 A1 20201230; CN 113993416 A 20220128; DE 202020005767 U1 20220516; EP 3986208 A1 20220427; KR 20220024158 A 20220303; US 2022240648 A1 20220804

DOCDB simple family (application)
EP 2020067038 W 20200618; CN 202080046710 A 20200618; DE 202020005767 U 20200618; EP 20732638 A 20200618; KR 20217042099 A 20200618; US 202017621715 A 20200618