

Title (en)
METHOD FOR DYEING KERATINOUS MATERIAL, COMPRISING THE USE OF AN ORGANOSILICON COMPOUND, A PHOSPHORIC ACID ESTER AND A DYEING COMPOUND

Title (de)
VERFAHREN ZUM FÄRBE VON KERATINISCHEM MATERIAL, UMFASSEND DIE ANWENDUNG VON EINER SILICIUMORGANISCHEN VERBINDUNG, EINES PHOSPHORSÄUREESTERS UND EINER FARBGEBENDEN VERBINDUNG

Title (fr)
PROCÉDÉ DE TEINTURE DE MATIÈRE KÉRATINIQUE, COMPRENANT L'UTILISATION D'UN COMPOSÉ ORGANOSILICIÉ, D'UN ESTER D'ACIDE PHOSPHORIQUE ET D'UN COMPOSÉ COLORANT

Publication
EP 4181869 A1 20230524 (DE)

Application
EP 21728245 A 20210527

Priority
• DE 102020208951 A 20200717
• EP 2021064187 W 20210527

Abstract (en)
[origin: WO2022012808A1] The present invention relates to a method for dyeing keratinous material, in particular human hair, comprising the following steps: - applying an agent (a) to the keratinous material, said agent (a) containing: (a1) at least one organic silicon compound from the group comprising silanes with one, two or three silicon atoms; and (a2) at least one phosphoric acid ester, and applying an agent (b) to the keratinous material, said agent comprising (b): (b1) at least one sealing reagent, at least one of the agents (a) and (b) further containing at least one dyeing compound from the group of pigments and/or direct dyes.

IPC 8 full level
A61K 8/55 (2006.01); **A61K 8/58** (2006.01); **A61Q 5/06** (2006.01)

CPC (source: EP US)
A61K 8/55 (2013.01 - EP); **A61K 8/556** (2013.01 - EP US); **A61K 8/585** (2013.01 - EP); **A61Q 5/065** (2013.01 - EP US); **A61K 2800/43** (2013.01 - EP US); **A61K 2800/87** (2013.01 - US); **A61K 2800/884** (2013.01 - EP US)

Citation (search report)
See references of WO 2022012808A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
DE 102020208951 A1 20220120; CN 116157112 A 20230523; EP 4181869 A1 20230524; JP 2023535356 A 20230817; US 2023270652 A1 20230831; WO 2022012808 A1 20220120

DOCDB simple family (application)
DE 102020208951 A 20200717; CN 202180061167 A 20210527; EP 2021064187 W 20210527; EP 21728245 A 20210527; JP 2023503029 A 20210527; US 202118005837 A 20210527