Title (en)

METHOD FOR DYEING KERATIN MATERIAL, COMPRISING THE USE OF AN ORGANIC C1-C6 -ALKOXY SILANE AND A COPOLYMER OF STYRENE AND MALEIC ACID (ANHYDRIDE)

Title (de)

VERFAHREN ZUR FÄRBUNG VON KERATINMATERIAL, UMFASSEND DIE ANWENDUNG EINES ORGANISCHEN C1-C6-ALKOXYSILANS UND EINES COPOLYMERS AUS STYROL UND MALEINSÄURE(ANHYDRID)

Title (fr)

PROCÉDÉ DE COLORATION DE MATIÈRES KÉRATINIQUES, COMPRENANT L'UTILISATION D'UN ALCOXYSILANE EN C1-C6 ORGANIQUE ET D'UN COPOLYMÈRE DE STYRÈNE ET D'ACIDE MALÉIQUE (ANHYDRIDE)

Publication

EP 4076352 A1 20221026 (DE)

Application

EP 20793632 A 20201016

Priority

- DE 102019219713 A 20191216
- EP 2020079196 W 20201016

Abstract (en)

[origin: WO2021121727A1] The invention relates to a method for dyeing keratin material, in particular human hair, according to which the following are used on the keratin material: a first composition (A) which contains: (A1) one or more organic C1-C6 alkoxy silanes and/or condensation products thereof, and (A2) at least one dyeing compound from the group of pigments and the direct dyes, and a second composition (B) which contains (B1) a copolymer of styrene and maleic acid (anhydride).

IPC 8 full level

A61K 8/19 (2006.01); **A61K 8/58** (2006.01); **A61K 8/81** (2006.01); **A61Q 5/06** (2006.01)

CPC (source: EP US)

A61K 8/19 (2013.01 - EP); **A61K 8/585** (2013.01 - EP US); **A61K 8/8147** (2013.01 - US); **A61K 8/8164** (2013.01 - EP); **A61Q 5/065** (2013.01 - EP); **A61Q 5/10** (2013.01 - US); A61K 2800/43 (2013.01 - EP); A61K 2800/432 (2013.01 - US); A61K 2800/4322 (2013.01 - EP); A61K 2800/884 (2013.01 - EP)

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 102019219713 A1 20210617; EP 4076352 A1 20221026; US 11890366 B2 20240206; US 2023058579 A1 20230223; WO 2021121727 A1 20210624

DOCDB simple family (application)

DE 102019219713 A 20191216; EP 2020079196 W 20201016; EP 20793632 A 20201016; US 202017785885 A 20201016