

Title (en)

COLORING AGENT HAVING NATURAL DYES AND 1,3-DIHYDROXYACETONE

Title (de)

FÄRBEMITTEL MIT NATURFARBSTOFFEN UND 1,3-DIHYDROXYACETON

Title (fr)

PRODUIT DE COLORATION À BASE DE COLORANTS NATURELS ET DE 1,3-DIHYDROXYACÉTONE

Publication

EP 2182915 A2 20100512 (DE)

Application

EP 08761090 A 20080617

Priority

- EP 2008057592 W 20080617
- DE 102007042286 A 20070906

Abstract (en)

[origin: WO2009033833A2] The invention relates to an agent, containing a combination of 1,3-dihydroxyacetone and at least one natural dye, particularly from the group of diaryloyl methane dyes, naphthoquinone dyes, flavonoid dyes, anthraquinone dyes, betalaine dyes, gallotannin dyes, and indigoid dyes, by means of which fibers containing keratin, particularly human hair, can be died naturally, intensively, and wash fast.

IPC 8 full level

A61K 8/35 (2006.01); **A61K 8/97** (2006.01); **A61Q 5/10** (2006.01)

CPC (source: EP US)

A61K 8/35 (2013.01 - EP); **A61K 8/9789** (2017.07 - EP US); **A61K 8/9794** (2017.07 - EP US); **A61Q 5/10** (2013.01 - EP US)

Citation (search report)

See references of WO 2009033833A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007042286 A1 20090312; EP 2182915 A2 20100512; WO 2009033833 A2 20090319; WO 2009033833 A3 20100225

DOCDB simple family (application)

DE 102007042286 A 20070906; EP 08761090 A 20080617; EP 2008057592 W 20080617