

Title (en)

USE OF ASCORBIC ACID DERIVATIVES FOR DYEING KERATINOUS FIBERS

Title (de)

VERWENDUNG VON ASCORBINSÄUREDERIVATEN ZUR FÄRBUNG VON KERATINHALTIGEN FASERN

Title (fr)

UTILISATION DE DÉRIVÉS D'ACIDE ASCORBIQUE POUR TEINTER DES FIBRES KÉRATINIQUES

Publication

EP 2640351 A2 20130925 (DE)

Application

EP 11773197 A 20111019

Priority

- DE 102010051725 A 20101119
- EP 2011005269 W 20111019

Abstract (en)

[origin: WO2012065671A2] The invention relates to the use of special ascorbic acid derivatives for dyeing keratinous fibers or as a direct dye for producing an agent for dyeing keratinous fibers, and to methods for dyeing keratinous fibers, especially human hair.

IPC 8 full level

A61K 8/67 (2006.01); **A61K 8/49** (2006.01); **A61Q 5/02** (2006.01); **A61Q 5/06** (2006.01); **A61Q 5/10** (2006.01); **A61Q 5/12** (2006.01); **D06P 1/32** (2006.01)

CPC (source: EP US)

A61K 8/4973 (2013.01 - EP US); **A61K 8/676** (2013.01 - EP US); **A61Q 5/065** (2013.01 - EP US); **A61Q 5/10** (2013.01 - US); **D06P 1/32** (2013.01 - EP US); **A61Q 5/02** (2013.01 - EP US); **A61Q 5/06** (2013.01 - EP US); **A61Q 5/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2012065671A2

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

DOCDB simple family (publication)

DE 102010051725 A1 20120524; EP 2640351 A2 20130925; JP 2013544247 A 20131212; US 2013228192 A1 20130905; US 8702813 B2 20140422; WO 2012065671 A2 20120524; WO 2012065671 A3 20120726

DOCDB simple family (application)

DE 102010051725 A 20101119; EP 11773197 A 20111019; EP 2011005269 W 20111019; JP 2013539150 A 20111019; US 201113885560 A 20111019