

Title (en)

AGENT AND METHOD FOR COLORING KERATIN FIBERS CONTAINING 2-BENZOTHIAZOLINONE-HYDRAZONE AND QUINONE DERIVATIVES

Title (de)

MITTEL UND VERFAHREN ZUM FÄRBEN VON KERATINFASERN ENTHALTEND 2-BENZOTHIAZOLINON-HYDRAZON UND CHINON-DERIVATE

Title (fr)

AGENTS ET PROCEDE DE COLORATION DE FIBRES KERATINIQUES RENFERMANT DES DERIVES DE LA 2-BENZOTHIAZOLINONE-HYDRAZONE ET DE LA QUINONE

Publication

**EP 1448540 A1 20040825 (DE)**

Application

**EP 02772186 A 20020822**

Priority

- DE 10155907 A 20011114
- EP 0209381 W 20020822

Abstract (en)

[origin: WO03042199A1] The invention relates to an agent for coloring fibers (A), which is produced by mixing two components (A1) and (A2). Said agent is characterized in that component (A1) contains at least a 2-benzothiazolinone-hydrazone derivative of formula (I) or the physiologically acceptable salt thereof and component (A2) contains at least one ortho-quinone of formula (II) or a para-quinone of formula (III). The invention also relates to a method for dyeing hair using said agent and a multicomponent kit for hair dyeing.

IPC 1-7

**C07D 277/82**; C07C 50/26; C07C 50/24; C07C 50/02; C07C 50/12; C07C 50/04; A61K 7/13

IPC 8 full level

**A61K 8/00** (2006.01); **A61K 8/34** (2006.01); **A61K 8/36** (2006.01); **A61K 8/365** (2006.01); **A61K 8/41** (2006.01); **A61K 8/49** (2006.01); **A61K 8/73** (2006.01); **A61Q 5/10** (2006.01); **C07D 277/82** (2006.01); **D06P 3/12** (2006.01)

CPC (source: EP US)

**C07D 277/82** (2013.01 - EP US)

Citation (search report)

See references of WO 03042199A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

**WO 03042199 A1 20030522**; BR 0206394 A 20040203; DE 10155907 A1 20030515; EP 1448540 A1 20040825; JP 2005509034 A 20050407; JP 4046189 B2 20080213; US 2004060124 A1 20040401; US 7070625 B2 20060704

DOCDB simple family (application)

**EP 0209381 W 20020822**; BR 0206394 A 20020822; DE 10155907 A 20011114; EP 02772186 A 20020822; JP 2003544035 A 20020822; US 25084703 A 20030714