

Title (en)

YELLOW HAIR COLOR DYEING COMPOSITION HAVING IMPROVED WEAR PROPERTIES

Title (de)

GELBE HAARFÄRBEMITTEL MIT VERBESSERTEN WIDERSTANDSEIGENSCHAFTEN

Title (fr)

COMPOSITION DE COLORATION CAPILLAIRE JAUNE POSSEDENT DES PROPRIETES DE RESISTANCE A LA DEGRADATION AMELIOREES

Publication

EP 1330231 A4 20040901 (EN)

Application

EP 01971130 A 20010918

Priority

- US 0129084 W 20010918
- US 66676600 A 20000921

Abstract (en)

[origin: WO0224155A1] Oxidative dyeing of hair to a natural blonde or yellow coloration with exceptional wearing properties can be obtained by use of a system for oxidative hair coloring in which the hair coloring system utilizes a compound of the formula (I) wherein R1 and R2 are independently H; C1-4 alkyl, optionally substituted with one or more hydroxy- or amino groups; R1 and R2 may form a 5- or 6-membered heterocyclic ring, optionally containing one additional N- or O-heteroatom in the ring as a primary intermediate and a compound of the formula (II) wherein R1 and R2 are independently H; C1-4 alkyl or hydroxy-alkyl as a coupler and optionally a yellow direct dye or a known oxidative yellow dye.

IPC 1-7

A61K 7/13

IPC 8 full level

A61K 8/00 (2006.01); **A61K 8/41** (2006.01); **A61K 8/49** (2006.01); **A61Q 5/10** (2006.01)

CPC (source: EP)

A61K 8/415 (2013.01); **A61K 8/418** (2013.01); **A61K 8/4926** (2013.01); **A61K 8/4953** (2013.01); **A61P 17/16** (2017.12); **A61Q 5/10** (2013.01)

Citation (search report)

- [X] WO 9710799 A1 19970327 - HENKEL KGAA [DE], et al
- [X] US 4838893 A 19890613 - ROSE DAVID [DE], et al
- [X] GB 1571570 A 19800716 - HENKEL KGAA
- See references of WO 0224155A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0224155 A1 20020328; AU 2001291054 B2 20041125; AU 9105401 A 20020402; CA 2422690 A1 20020328; CN 1205910 C 20050615; CN 1462183 A 20031217; EP 1330231 A1 20030730; EP 1330231 A4 20040901; JP 2004509140 A 20040325; MX PA03002461 A 20040910

DOCDB simple family (application)

US 0129084 W 20010918; AU 2001291054 A 20010918; AU 9105401 A 20010918; CA 2422690 A 20010918; CN 01816097 A 20010918; EP 01971130 A 20010918; JP 2002528192 A 20010918; MX PA03002461 A 20010918