

Title (en)
AGENT FOR COLORING KERATIN FIBERS

Title (de)
MITTEL ZUM FÄRBEN VON KERATINHALTIGEN FASERN

Title (fr)
AGENT POUR COLORER DES FIBRES KERATINIQUES

Publication
EP 1432394 A1 20040630 (DE)

Application
EP 02800572 A 20020925

Priority
• DE 10148842 A 20011004
• EP 0210735 W 20020925

Abstract (en)
[origin: DE10148842A1] Composition for dyeing keratin-containing fibers, especially human hair, comprises at least one dialkoxyalkyl-substituted pyridinium salt. Composition for dyeing keratin-containing fibers, especially human hair, comprises at least one dialkoxyalkyl-substituted pyridinium salt of formula (I). R<1> = H, 1-4C alkyl or (hetero)aryl; R<2>-R<5> = H, halo, 1-4C alkyl or (hydroxy)alkoxy, hydroxy, nitro, amino (optionally substituted by 1-4C alkyl) or 1-4C acyl, or any two of these groups together form 1-2 fused aromatic rings, or these groups together with R<1> can be part of a 5-7 membered ring; R<6> = 1-4C alkyl, aryl, aryl(1-4C)alkyl or heteroaryl; R<7>, R<8> = 1-4C alkyl, aryl, aralkyl or together with OCR<1>-X-O forms a 5-7 membered ring; X = direct bond, optionally substituted vinylenes, methylene or phenylene, and X may also be present on a fused aromatic ring; Y = benzene, p-toluene, (m)ethane or propane-sulfonate, perchlorate, (hydrogen)sulfate, chloride, bromide, iodide, tetrachlorozincate, methylsulfate, trifluoromethanesulfonate, hexafluorophosphate or tetrafluoroborate. An Independent claim is also included for 4- and 2-di(m)ethoxy-1-methylquinolinium p-toluenesulfonate as new compounds.

IPC 1-7
A61K 7/13; D06P 3/14; C07D 215/14

IPC 8 full level
A61Q 5/10 (2006.01); **A61K 8/41** (2006.01); **A61K 8/49** (2006.01); **C07D 213/24** (2006.01); **C07D 215/12** (2006.01); **C07D 215/14** (2006.01); **D06P 3/14** (2006.01)

CPC (source: EP)
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Citation (search report)
See references of WO 03030846A1

Citation (examination)
DE 1147582 B 19630425 - ADOLF CHRISTIAN JOSEF OPFERMAN

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