

Title (en)  
ALTERNATIVE OXIDIZING AGENTS

Title (de)  
ALTERNATIVE OXIDATIONSMITTEL

Title (fr)  
AGENT OXYDANT ALTERNATIF

Publication  
**EP 2355905 A2 20110817 (DE)**

Application  
**EP 09763937 A 20091127**

Priority  
• EP 2009065998 W 20091127  
• DE 102008060670 A 20081208

Abstract (en)  
[origin: WO2010076104A2] The present application relates to agents for the gentle oxidative coloration of keratinous fibers, in particular human hair, which are manufactured by mixing a colorant preparation containing oxidizing colorant pre-products and an oxidizing agent preparation, wherein the oxidizing agent preparation is characterized in that, instead of hydrogen peroxide, it contains sodium chlorite as the oxidizing agent. The use of such agents for coloring human hair causes a significant reduction in the fiber damage during the coloring process as compared with conventional oxidizing coloring agents based on hydrogen peroxide, with the coloring performance remaining the same.

IPC 8 full level  
**A61Q 5/10** (2006.01); **A61K 8/20** (2006.01)

CPC (source: EP)  
**A61K 8/20** (2013.01); **A61Q 5/10** (2013.01)

Citation (search report)  
See references of WO 2010076104A2

Citation (examination)  
US 2003135935 A1 20030724 - YANG JIANG [US], et al

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102008060670 A1 20100610**; EP 2355905 A2 20110817; WO 2010076104 A2 20100708; WO 2010076104 A3 20110623

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**DE 102008060670 A 20081208**; EP 09763937 A 20091127; EP 2009065998 W 20091127