

Title (en)  
COMPOSITION USED IN PERMANENT ALTERATION OF HAIR COLOR

Publication  
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Application  
**EP 87907847 A 19870924**

Priority  
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Abstract (en)  
[origin: WO8803017A1] The permanent hair color altering composition comprising an aqueous preparation on the basis of melanin dissolution and/or oxidation of a hair colorant dye intermediate, which contains as a swelling and penetration agent, a quaternized amino lactam having formula (I), wherein m is an integer having a value of from 1 to 4; R is alkylene having from 3 to 8 carbon atoms and is optionally substituted with C1 to C4 alkyl; R1, R2 and R3 are each independently selected from the group of alkyl, alkyl oxide, alkylhydroxy, alkoxy, aryl, aralkyl, alkaryl, and alkyl amidoalkyl radicals, said groups each having from 1 to 30 carbon atoms and at least one of R1, R2 and R3 is a radical having from 8 to 30 carbon atoms; and X<-> is a chloride, bromide or iodide anion. The invention also relates to the use of said quaternized compounds.

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• No further relevant documents have been disclosed.  
• See references of WO 8803017A1

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**US 8702457 W 19870924**; AU 8278587 A 19870924; CA 548765 A 19871007; DK 350488 A 19880624; EP 87907847 A 19870924; IL 8408587 A 19871004; JP 50012287 A 19870924; NO 882650 A 19880615