

Title (en)
RESTRUCTURING AND FINISHING OF KERATIN FIBERS

Title (de)
RESTRUKTURIERUNG AUSRÜSTUNG KERATINISCHER FASERN

Title (fr)
RESTRUCTURATION ET APPRETAGE DE FIBRES KERATINIQUES

Publication
EP 1455736 A1 20040915 (DE)

Application
EP 02795201 A 20021216

Priority
• DE 10163052 A 20011221
• EP 0214305 W 20021216

Abstract (en)
[origin: WO03053375A1] The invention relates to a method for modifying, particularly restructuring and finishing, keratin fibers by polymerizing suitable polymerizable substrates in the fiber by means of polyphenoloxidase. The invention also relates to a compound containing the substrates made polymerizable by means of polyphenoloxidase and at least one polyphenoloxidase, and the use thereof to positively influence fiber properties, particularly strength, porosity, elasticity, color preservation, and volume. The invention also relates to a fibrous keratin material with improved properties produced according to said method.

IPC 1-7
A61K 7/06; A61K 7/13

IPC 8 full level
A61K 8/34 (2006.01); **A61K 8/368** (2006.01); **A61K 8/41** (2006.01); **A61K 8/66** (2006.01); **A61Q 5/00** (2006.01); **A61Q 5/10** (2006.01)

CPC (source: EP US)
A61K 8/347 (2013.01 - EP US); **A61K 8/368** (2013.01 - EP US); **A61K 8/411** (2013.01 - EP US); **A61K 8/66** (2013.01 - EP US); **A61Q 5/00** (2013.01 - EP US); **A61Q 5/004** (2013.01 - EP US); **A61Q 5/10** (2013.01 - EP US)

Citation (search report)
See references of WO 03053375A1

DOCDB simple family (publication)
WO 03053375 A1 20030703; AU 2002360987 A1 20030709; DE 10163052 A1 20030717; EP 1455736 A1 20040915; US 2004261198 A1 20041230

DOCDB simple family (application)
EP 0214305 W 20021216; AU 2002360987 A 20021216; DE 10163052 A 20011221; EP 02795201 A 20021216; US 87272404 A 20040621