

Title (en)  
REDUCTIVE COLOUR REMOVAL

Title (de)  
REDUKTIVER FARBABZUG

Title (fr)  
DÉCOLORATION RÉDUCTIVE

Publication  
**EP 2001559 A2 20081217 (DE)**

Application  
**EP 07723368 A 20070319**

Priority  
• EP 2007002401 W 20070319  
• DE 102006013260 A 20060321  
• DE 102006022274 A 20060511

Abstract (en)  
[origin: WO2007107313A2] The invention relates to agents which contain a combination of special sulphinic acid derivatives of formula (I) in a carrier, wherein M represents a hydrogen atom or an equivalent of a mono or polyvalent cation, R is derived from a peptide or represents a group according to one of the formulae (II) to (VI), (for the meanings of the remaining substituents see claim 1) and at least one compound comprising at least one quaternary nitrogen atom. Said agents enable a durable decolouration of the dyed substrates to take place without darkening the decoloured substrate. The substrate structure is not damaged during the decolouration process.

IPC 8 full level  
**A61Q 5/08** (2006.01); **D06L 4/30** (2017.01)

CPC (source: EP)  
**A61K 8/416** (2013.01); **A61K 8/46** (2013.01); **A61K 8/49** (2013.01); **A61K 8/4913** (2013.01); **A61K 8/4926** (2013.01); **A61K 8/4933** (2013.01); **A61K 8/4946** (2013.01); **A61K 8/4973** (2013.01); **A61K 8/4986** (2013.01); **A61Q 5/08** (2013.01); **D06P 1/621** (2013.01); **D06P 5/134** (2013.01); **D21H 21/32** (2013.01)

Cited by  
EP2277597B1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**WO 2007107313 A2 20070927; WO 2007107313 A3 20080424**; EP 2001559 A2 20081217; EP 2277597 A1 20110126; EP 2277597 B1 20190116

DOCDB simple family (application)  
**EP 2007002401 W 20070319**; EP 07723368 A 20070319; EP 10177126 A 20070319