

Title (en)
POLYMERS FOR LAUNDRY APPLICATIONS

Title (de)
POLYMERE FÜR WASCHANWENDUNGEN

Title (fr)
POLYMERES POUR APPLICATIONS DE BLANCHISSAGE

Publication
EP 1442109 B1 20180425 (EN)

Application
EP 02774634 A 20020920

Priority
• EP 0210586 W 20020920
• GB 0127036 A 20011109

Abstract (en)
[origin: WO03040279A1] The present invention relates to use of a compound for promoting soil release during laundering of a textile fabric, the compound being a polymer having the general formula (I) characterised in that each SU represents a sugar unit in a polysaccharide backbone; a represents the number of unsubstituted sugar units as a percentage of the total number of sugar units and is in the range from 0 to 99.9%, preferably 65 to 99%, more preferably 80 to 99%; b represents the number of substituted sugar units as a percentage of the total number of sugar units and is in the range from 0.1 to 100%, preferably 1 to 35%, more preferably 1 to 20%; m represents the degree of substitution per sugar unit and is from 1 to 3; L represents an ester or ether linkage; and R1 represents a substituted alkyl group, preferably a hydroxyalkyl, carboxyalkyl or sulfoalkyl group or a salt thereof. A method of promoting soil release during laundering of a textile fabric and the use of such polymers in the manufacture of a laundry cleaning composition for effecting soil release from a laundry item form other aspects of the invention.

IPC 8 full level
C11D 3/00 (2006.01); **C11D 3/22** (2006.01)

CPC (source: EP)
C11D 3/0036 (2013.01); **C11D 3/225** (2013.01); **C11D 3/226** (2013.01); **C11D 3/228** (2013.01)

Citation (examination)
WO 03010267 A1 20030206 - UNILEVER PLC [GB], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
WO 03040279 A1 20030515; BR 0213709 A 20041026; BR 0213709 B1 20141118; EP 1442109 A1 20040804; EP 1442109 B1 20180425; EP 2330178 A2 20110608; EP 2330178 A3 20140514; ES 2675289 T3 20180710; GB 0127036 D0 20020102

DOCDB simple family (application)
EP 0210586 W 20020920; BR 0213709 A 20020920; EP 02774634 A 20020920; EP 10183587 A 20020920; ES 02774634 T 20020920; GB 0127036 A 20011109