

Title (en)
Polymers for laundry applications

Title (de)
Polymere für Waschanwendungen

Title (fr)
Polymères pour applications de nettoyage

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Application
EP 10183587 A 20020920

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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.

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Citation (search report)
• [AD] US 4235735 A 19801125 - HARRIS PHILIP G [US], et al
• [A] GB 1537287 A 19781229 - PROCTER & GAMBLE
• [X] US 4020015 A 19770426 - BEVAN GEOFFREY
• [I] WO 9716408 A1 19970509 - BASF AG [DE], et al

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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

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