

Title (en)  
COMPOSITION AND PROCESS FOR THE AQUEOUS PARAFFIN TREATMENT OF YARNS

Publication  
**EP 0004950 B1 19811118 (DE)**

Application  
**EP 79101132 A 19790412**

Priority  
DE 2816196 A 19780414

Abstract (en)  
[origin: EP0004950A1] 1. Agent for the wet paraffin waxing of yarns which consists of a dispersion of a) from 18 to 40% of paraffin, melting range of 45 to 60 degrees C ; b) from 2 to 8% of one or several alkylimidazolines of the formula I see diagramm : EP0004950,P4,F3 in which R represents C12 -C22 -alkyl, alkenyl or hydroxyalkyl, R1 is H, C1 -C22 -aliphatic or aromatic acyl, R2 is H, C1 -C4 -alkyl or hydroxyalkyl, n is a number of from 2 to 6, and X stands for a halogen anion, a C1 -C4 -alkylsulfate anion, a C1 -C4 -dialkylphosphate anion, or a C1 -C4 -alkylcarboxylate anion ; c) from 1 to 7% of one or several aminoxides of the general formula II see diagramm : EP0004950,P4,F4 in which R represents C8 -C12 -alkyl or alkenyl, R1 is C1 -C4 -alkyl, R2 is H or C1 -C4 -alkyl, and n represents a number of from zero to 6 ; d) from 2 to 9% of an ethylene oxide/propylene oxide block polymer of the formula III  $H-(C_2H_4O)_y-(C_3H_6O)_x-(C_2H_4O)_y-H$  in which x represents a number of from 20 to 40 and y represents a number of from 25 to 1000 ; e) from 0 to 5% of a polyglycol ether of the formula IV  $R-O-(H_2H_4O)_n-H$  in which R represents C8 -C18 -alkyl or alkenyl and n is a number of from 3 to 12 and f) from 0 to 2% of a copolymer of vinyl pyrrolidone and vinyl acetate, the weight ratio of VP to VAc optionally varying from 3:7 to 8:2 and the balance to 100% by weight being water.

IPC 1-7  
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CPC (source: EP)  
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Cited by  
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