

Title (en)
AGENT AND PROCESS FOR WET PARAFFINIC TREATMENT OF YARNS

Publication
EP 0022239 B1 19821222 (DE)

Application
EP 80103725 A 19800701

Priority
DE 2927027 A 19790704

Abstract (en)
[origin: US4322302A] Agent for the liquid paraffin waxing of yarns which consists of (a) from 5 to 20% of paraffin, melting range of 45 DEG to 60 DEG C.; (b) from 2 to 10% of one or several alkyl imidazolines of the formula I <IMAGE> I in which R is C12-C22-alkyl, alkenyl or hydroxyalkyl, R1 is hydrogen or C1-C22-saturated or unsaturated aliphatic or aromatic acyl, R2 is hydrogen, C1-C4-alkyl or C1-C4-hydroxyalkyl, n is a number of from 2 to 6, and X is a halogen anion, a C1-C4-alkyl sulfate anion, a C1-C4-dialkyl phosphate anion, or a C1-C4-alkyl carboxylate anion; (c) from 1 to 5% of one or several aminoxides of the formula II <IMAGE> II in which R is C8-C12-alkyl or alkenyl, R1 is C1-C4 -alkyl, R2 is hydrogen or C1-C4-alkyl, and n is a number of from 0 to 6, and (d) from 5 to 20% of one or several polyglycol ethers of the formula III R-O-(C2H4O)n-H III, in which R is C8-C18-alkyl or alkenyl and n is a number of from 3 to 12, as well as water ad 100%.

IPC 1-7
C10M 1/08; **D06M 13/46**; **D06M 13/38**; **D06M 13/34**

IPC 8 full level
D06M 13/02 (2006.01); **D06M 13/165** (2006.01); **D06M 13/175** (2006.01); **D06M 13/322** (2006.01); **D06M 13/352** (2006.01); **D06M 13/388** (2006.01); **D06M 13/46** (2006.01); **D06M 13/47** (2006.01); **D06M 13/473** (2006.01); **D06M 15/53** (2006.01)

CPC (source: EP US)
D06M 7/00 (2013.01 - EP US); **D06M 13/165** (2013.01 - EP US); **D06M 13/388** (2013.01 - EP US); **D06M 13/473** (2013.01 - EP US); **D06M 2200/40** (2013.01 - EP US)

Cited by
EP0103331A3; AU602309B2; EP0075261A3; EP0416917A3; US5282871A; WO0001875A1

Designated contracting state (EPC)
BE DE FR GB IT

DOCDB simple family (publication)
EP 0022239 A1 19810114; **EP 0022239 B1 19821222**; DE 2927027 A1 19810108; DE 3061423 D1 19830127; JP S569473 A 19810130; US 4322302 A 19820330

DOCDB simple family (application)
EP 80103725 A 19800701; DE 2927027 A 19790704; DE 3061423 T 19800701; JP 9003780 A 19800703; US 16403680 A 19800630