

Title (en)

Use of copolymerisates based on long chained olefines and ethylenic unsaturated dicarbonic acid anhydrides for waterproofing of leather and fur pelts.

Title (de)

Verwendung von Copolymerisaten auf Basis von langkettigen Olefinen und ethylenisch ungesättigten Dicarbonsäureanhydriden zum Hydrophobieren von Leder und Pelzfellen.

Title (fr)

Utilisation de copolymères à base d'oléfines à longue chaîne et d'anhydrides d'acides carboxyliques à insaturation éthylénique pour l'imperméabilisation du cuir et des fourrures.

Publication

EP 0412389 B1 19941130 (DE)

Application

EP 90114574 A 19900730

Priority

DE 3926167 A 19890808

Abstract (en)

[origin: EP0412389A1] Use of copolymers obtainable by free-radical copolymerisation of (a) C8-C40-monoolefins with (b) ethylenically unsaturated C4-C8-dicarboxylic anhydrides in the manner of a mass polymerisation at from 80 to 300 DEG C to form copolymers having molecular weights of from 500 to 20,000 g/mol, subsequent solvolysis of the anhydride groups of the copolymers and at least partial neutralisation in an aqueous medium with bases of the carboxyl groups formed in the course of the solvolysis and which are present in the form of aqueous dispersions or solutions, as agents for waterproofing leathers and pelt furs.

IPC 1-7

C14C 9/00; C08F 8/00; C08F 210/00

IPC 8 full level

C08F 8/00 (2006.01); **C08F 210/00** (2006.01); **C14C 9/00** (2006.01)

CPC (source: EP KR)

C14C 9/00 (2013.01 - EP KR)

Cited by

US5489389A; EP0583973A3; DE4214011C1; US5501707A; US5728313A; US5266165A; US5268437A; US5412026A; EP0574351A1; US5558675A; US5567343A; US5741434A; US5683611A; EP0542033A3; US5352729A; EP0682044A1; US5534604A; AU701756B2; US9029310B2; US6336942B1; WO2011050980A2; WO9810103A1; WO9410346A1; WO03044233A1; WO9520056A1; US6753369B2; US6200640B1; DE102012201167A1; WO2013110413A1

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0412389 A1 19910213; **EP 0412389 B1 19941130**; AT E114727 T1 19941215; AU 6022790 A 19910214; AU 628205 B2 19920910; CA 2021758 A1 19910209; DE 3926167 A1 19910214; DE 59007823 D1 19950112; ES 2064554 T3 19950201; JP H0376800 A 19910402; KR 910004817 A 19910329; NZ 234781 A 19911025; PT 94915 A 19910418; PT 94915 B 19970528

DOCDB simple family (application)

EP 90114574 A 19900730; AT 90114574 T 19900730; AU 6022790 A 19900807; CA 2021758 A 19900723; DE 3926167 A 19890808; DE 59007823 T 19900730; ES 90114574 T 19900730; JP 20770890 A 19900807; KR 900012136 A 19900808; NZ 23478190 A 19900806; PT 9491590 A 19900806