

Title (en)  
SIDE-CHAIN-MODIFIED COPOLYMER WAXES

Title (de)  
SEITENKETTENMODIFIZIERTE COPOLYMERWACHSE

Title (fr)  
CIRES COPOLYMERES MODIFIEES AU NIVEAU DES CHAINES LATERALES CONSTITUEES D'OLEFINES A CHAINE LONGUE ET DE  
DERIVES D'ACIDE ACRYLIQUE

Publication  
**EP 1523507 A1 20050420 (DE)**

Application  
**EP 03732502 A 20030530**

Priority  
• DE 10225652 A 20020608  
• EP 0305671 W 20030530

Abstract (en)  
[origin: WO03104289A1] The invention relates to side-chain-modified copolymer waxes consisting of long-chain olefins, acrylic acid esters, acrylic acid and/or acrylic acid amides, said waxes being characterised in that they are produced from wax-like copolymers of long-chain alpha -olefins comprising between 18 and 60 C atoms, acrylic acid methyl esters, acrylic acid and/or acrylic acid amides, the carboxyl functionality thereof having been modified by chemical reaction with nucleophilic constituents. The invention also relates to a method for producing such copolymer waxes and to the use of the same.

IPC 1-7  
**C08F 8/00**; C08F 8/02; C08F 8/04; C08F 8/06; C08F 8/12; C08F 8/30; C08F 8/32; C08F 8/34

IPC 8 full level  
**C08F 8/00** (2006.01); **C08F 210/14** (2006.01); **C08F 220/10** (2006.01); **C08F 220/56** (2006.01)

CPC (source: EP US)  
**C08F 8/14** (2013.01 - EP US); **C08F 8/30** (2013.01 - EP US)

Citation (search report)  
See references of WO 03104289A1

Designated contracting state (EPC)  
DE ES FR GB IT NL

DOCDB simple family (publication)  
**WO 03104289 A1 20031218**; CN 1284803 C 20061115; CN 1659191 A 20050824; DE 10225652 A1 20031224; DE 10225652 B4 20041028; EP 1523507 A1 20050420; HK 1079226 A1 20060331; JP 2005529204 A 20050929; US 2006036013 A1 20060216

DOCDB simple family (application)  
**EP 0305671 W 20030530**; CN 03813165 A 20030530; DE 10225652 A 20020608; EP 03732502 A 20030530; HK 05111364 A 20051212; JP 2004511356 A 20030530; US 51692905 A 20050613