

Title (en)

FILMS HAVING DEAD-FOLD PROPERTIES MADE FROM ALPHA-OLEFIN/VINYL AROMATIC AND/OR ALIPHATIC OR CYCLOALIPHATIC VINYL OR VINYLIDENE INTERPOLYMERS

Title (de)

FILME MIT FALTEIGENSCHAFTEN AUS ALPHA-OLEFIN/VINYLAROMATISCHEN UND/ODER ALIPHATISCHEN ODER CYCLOALIPHATISCHEN VINYL- ODER VINYLIDENE INTERPOLYMEREN

Title (fr)

FILMS CONSERVANT LA FORME QUI LEUR EST DONNEE, FABRIQUES A PARTIR D'INTERPOLYMERES AROMATIQUES ALPHA-OLEFINIQUES/VINYLIQUES ET/OU VINYLIQUES OU VINYLIDENIQUES ALIPHATIQUES OU CYCLOALIPHATIQUES

Publication

**EP 1086167 A1 20010328 (EN)**

Application

**EP 99925780 A 19990524**

Priority

- US 9911429 W 19990524
- US 8890498 P 19980611

Abstract (en)

[origin: WO9964500A1] The present invention pertains to a film or sheet or extruded profile having at least one layer comprising; (A) at least one substantially random interpolmer, which comprises; (I) polymer units derived from; (i) at least one vinyl aromatic monomer, or (ii) at least one aliphatic or cycloaliphatic vinyl or vinylidene monomer, or (iii) a combination of at least one aromatic vinyl monomer and at least one aliphatic or cycloaliphatic vinyl or vinylidene monomer, and (2) polymer units derived from at least one C2-20 alpha -olefin; and optionally (3) polymer units derived from one or more ethylenically unsaturated polymerizable monomers other than those of (1) and (2); or (B) a blend of Component A with at least one polymer other than that of Component A; and wherein said film or sheet or extruded profile has a force relaxation in the cross direction or machine direction or both of greater than or equal to 40 percent. The present invention also pertains to a multilayer film or sheet or extruded profile comprising at least two layers wherein at least one of said layers is a film or sheet or extruded profile having a force relaxation in the cross direction or machine direction or both of greater than or equal to 40 percent, comprising; (A) at least one substantially random interpolmer, which comprises; (1) polymer units derived from; (i) at least one vinyl aromatic monomer, or (ii) at least one aliphatic or cycloaliphatic vinyl or vinylidene monomer, or (iii) a combination of at least one aromatic vinyl monomer and at least one aliphatic or cycloaliphatic vinyl or vinylidene monomer, and (2) polymer units derived from at least one C2-20 alpha -olefin; and (3) polymer units derived from one or more ethylenically unsaturated polymerizable monomers other than those of (1) and (2); or (B) a blend of Component A with at least one polymer other than that of Component A.

IPC 1-7

**C08J 5/18**; **B32B 27/32**

IPC 8 full level

**B32B 27/00** (2006.01); **B32B 27/28** (2006.01); **C08J 5/18** (2006.01); **C08L 53/00** (2006.01); **C08L 101/00** (2006.01)

CPC (source: EP US)

**B32B 27/00** (2013.01 - EP); **B32B 27/08** (2013.01 - US); **B32B 27/20** (2013.01 - US); **B32B 27/302** (2013.01 - US); **B32B 27/32** (2013.01 - US); **C08J 5/18** (2013.01 - EP); **B32B 2323/00** (2013.01 - US); **B32B 2323/10** (2013.01 - US); **B32B 2325/00** (2013.01 - US); **C08J 2353/00** (2013.01 - EP)

Citation (search report)

See references of WO 9964500A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9964500 A1 19991216**; AR 019648 A1 20020227; AU 4199899 A 19991230; EP 1086167 A1 20010328; JP 2002517583 A 20020618

DOCDB simple family (application)

**US 9911429 W 19990524**; AR P990102777 A 19990610; AU 4199899 A 19990524; EP 99925780 A 19990524; JP 2000553501 A 19990524