Title (en)
POLYMERIC BLENDS BASED ON POLYOLEFINS AND POLYAMIDE RESINS

Title (de)
POLYMERMISCHUNGEN AUF BASIS VON POLYOLEFIN- UND POLYAMIDHARZEN

Title (fr)
MELANGES POLYMERES A BASE DE POLYOLEFINES ET DE RESINES POLYAMIDES

Publication
EP 1030884 A1 20000830 (EN)

Application
EP 98960108 A 19981117

Priority
• NO 9800341 W 19981117
• NO 975310 A 19971119

Abstract (en)

[origin: WO9925767A1] A polymer composition consisting of a compatibilized blend of a polyolefin being grafted with a copolymerized allyl epoxy compound and a styrenic compound, and a polyamide. This composition is obtained by grafting the polyolefin with an allyl epoxy compound and styrene in the presence of a peroxide in a single step reactive extrusion process. This composition may be used in packages for food packaging and other products requiring an improved oxygen barrier.

IPC 1-7
C08L 51/06; C08F 255/02; C08L 23/26

IPC 8 full level
C08J 3/00 (2006.01); C08F 255/02 (2006.01); C08F 255/04 (2006.01); C08F 287/00 (2006.01); C08L 23/04 (2006.01); C08L 23/10 (2006.01); C08L 23/26 (2006.01); C08L 51/06 (2006.01); C08L 77/00 (2006.01); C08L 77/06 (2006.01)

CPC (source: EP)
C08F 255/02 (2013.01); C08F 255/04 (2013.01); C08F 287/00 (2013.01); C08L 23/06 (2013.01); C08L 23/10 (2013.01); C08L 23/12 (2013.01); C08L 51/06 (2013.01); C08L 77/00 (2013.01); C08L 77/06 (2013.01); C08K 7/14 (2013.01); C08L 23/04 (2013.01)

Citation (search report)
See references of WO 9925767A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 9925767 A1 19990527; AU 1578399 A 19990607; BR 9814228 A 20001003; CA 2310611 A1 19990527; CN 1286717 A 20010307; EP 1030884 A1 20000830; JP 2001523745 A 20011127; NO 975310 D0 19971119

DOCDB simple family (application)
NO 9800341 W 19981117; AU 1578399 A 19981117; BR 9814228 A 19981117; CA 2310611 A 19981117; CN 98813191 A 19981117; EP 98960108 A 19981117; JP 2000521144 A 19981117; NO 975310 A 19971119