

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

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Abstract (en)

[origin: WO925767A1] 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

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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)

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Designated contracting state (EPC)

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