

Title (en)

ADHESION PROMOTERS FOR CORD-REINFORCED THERMOPLASTIC POLYMERIC MATERIALS AND SUBSTRATE/THERMOPLASTIC POLYMERIC MATERIAL COMPOSITES

Title (de)

HAFTVERMITTLER FÜR KORDVERSTÄRKTES THERMOPLASTISCHES POLYMER MATERIAL UND SUBSTRAT/THERMOPLASTISCHES POLYMER VERBUND MATERIAL

Title (fr)

PROMOTEURS D'ADHESION POUR DES MATERIAUX POLYMERES THERMOPLASTIQUES RENFORCES PAR CORDE ET COMPOSITES DE MATERIAU POLYMER SUBSTRAT/THERMOPLASTIQUE

Publication

EP 1694794 A1 20060830 (EN)

Application

EP 03781862 A 20031112

Priority

US 0335856 W 20031112

Abstract (en)

[origin: WO2005056707A1] A thermoplastic polymeric material composition comprising a thermoplastic polymeric material selected from the group consisting of a thermoplastic polymer and a thermoplastic polymer alloy, an adhesive resin, and a long chain ester, particularly dimerate and trimerate esters, is capable of unexpected adhesion to substrates such as natural fabric substrates, synthetic polymeric fabric substrates, metal substrates, and thermoplastic polymeric material substrates, particularly natural cords, synthetic polymeric cords, metal cords, and glass cords for use in cord-reinforced articles such as hoses, conveyor belts, transmission belts, and the like.

IPC 8 full level

C09J 11/06 (2006.01); **C08K 5/10** (2006.01); **C08K 5/3492** (2006.01)

CPC (source: EP)

C08K 5/10 (2013.01)

Citation (search report)

See references of WO 2005056707A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005056707 A1 20050623; AU 2003287616 A1 20050629; BR 0318604 A 20061017; CA 2545411 A1 20050623; EP 1694794 A1 20060830

DOCDB simple family (application)

US 0335856 W 20031112; AU 2003287616 A 20031112; BR 0318604 A 20031112; CA 2545411 A 20031112; EP 03781862 A 20031112