

Title (en)

PRIMER COATING COMPOSITION FOR MULTILAYER FILMS

Title (de)

GRUNDIERBESCHICHTUNGSZUSAMMENSETZUNG FÜR MEHRSCICHTFOLIEN

Title (fr)

COMPOSITION DE REVETEMENT PRIMAIRE POUR FILMS MULTICOUCHE

Publication

EP 1337399 A1 20030827 (EN)

Application

EP 01993379 A 20011030

Priority

- EP 0112512 W 20011030
- GB 0027391 A 20001109

Abstract (en)

[origin: WO0238382A1] Therefore broadly in accordance with the invention there is provided a sheet like substrate comprising a substantially non-polar material having coated onto at least one side thereon an anchor coating to aid subsequent coating thereon of a polar coating and/or layer, characterised in that the anchor coating comprises (a) a polymer comprising an optionally substituted alpha , beta carboxylic acid optionally of high acid value preferably the polymer having a low T>g<; (b) a polymer comprising an optionally unsubstituted alpha , beta carboxylic acid optionally of low acid value preferably the polymer having a high T>g<; (c) a cross-linker, preferably added after a period of time to a mixture of polymers (a) and (b) to cross-link the resultant coating composition and increase the T>g< thereof. Preferably films of the invention provide directly on the anchor coating; a further polar coating or layer. Preferably (a) is a low acid imminated acrylic polymer (such as that available from Avecia under the trade name XK90); (b) is an alkyl methacrylate polymer of low acid functionally such as that available commercially from Avecia under the trade name Urecyl H; and (c) is an arizidine cross-linker such as the trimethylol-tris(N(methylaziridiny))propionate available from Avecia under the trade name CX100).

IPC 1-7

B32B 27/30; C09D 157/00; B65D 65/40; C08J 7/04

IPC 8 full level

B65D 65/42 (2006.01); **C08J 7/04** (2006.01); **C08J 7/043** (2020.01); **C09D 133/06** (2006.01); **C08L 33/12** (2006.01)

CPC (source: EP US)

B65D 65/42 (2013.01 - EP US); **C08J 7/0423** (2020.01 - EP); **C08J 7/043** (2020.01 - EP US); **C09D 133/062** (2013.01 - EP); **C08J 2433/00** (2013.01 - EP); **C08L 33/12** (2013.01 - EP)

Citation (search report)

See references of WO 0238382A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 0238382 A1 20020516; AU 2365802 A 20020521; EP 1337399 A1 20030827; GB 0027391 D0 20001227

DOCDB simple family (application)

EP 0112512 W 20011030; AU 2365802 A 20011030; EP 01993379 A 20011030; GB 0027391 A 20001109