

Title (en)
FILM PRIMER HAVING IMPROVED ADHESION

Title (de)
FOLIENPRIMER MIT VERBESSERTER HAFTUNG

Title (fr)
AMORCE À ADHÉRENCE AMÉLIORÉE POUR FEUILLES

Publication
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Application
EP 08854066 A 20081128

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Abstract (en)
[origin: EP2065453A1] Use of a primer composition comprising at least a substituted aziridine compound (I); and at least a polymer exhibiting at least a nucleophilic functional group, for coating and pasting plastic films, is claimed. Use of a primer composition comprising at least a substituted aziridine compound of formula (I); and at least a polymer exhibiting at least a nucleophilic functional group, for coating and pasting plastic films, is claimed. R : n-valent aliphatic 2-15C hydrocarbon, which optionally exhibits heteroatom, which is esterified or partially esterified polyols (preferably glycerin, 1,1,1-trimethylolethane, pentaerythritol, 1,1,1-trimethylolpropane or di(trimethylolpropane)); R 1>H or CH 3; and n : 2-4. Independent claims are included for: (1) a process for pasting the substrates S1 and S2 comprising: (i) applying the primer composition, on a substrate S1, (ii) applying an adhesive on the primer composition, which is placed on the substrate S1, and (iii) contacting the adhesive with a second substrate S2; or (i) applying the primer composition on the substrate S1, (ii) applying an adhesive on the substrate S2, (iii) and contacting the adhesive with the primer composition, which is placed on the substrate S1; or (i) applying the primer composition on the substrate S1, (ii) applying an adhesive on the primer composition, which is placed on the substrate S1, and (iii) applying the adhesive on the substrate S2, and (iv) contacting the adhesive on the primer composition, which is placed on the substrate S1, where the adhesive is on the substrate S2, where at least one of the substrates S1 or S2 is a plastic film; (2) preparing a primer composition coated plastic film comprising applying the primer composition, on a plastic film, and aerating the primer composition under the formation of a aerated primer composition and/or at least a partially crosslinked primer composition; and (3) the plastic film obtained by the above process. [Image].

IPC 8 full level
C09J 5/02 (2006.01); **C09J 7/02** (2006.01)

CPC (source: EP KR US)
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Citation (search report)
See references of WO 2009068664A1

Citation (examination)
US 6106950 A 20000822 - SEARLE BRENDA C [US], et al

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