

Title (en)

PROCESS FOR COATING OR PRINTING A PLASTIC FILM WITH WATER OR SOLVENT-CONTAINING COATING AGENTS OR MIXTURES THEREOF, U/V-CURABLE PAINTS OR INKS AND PVC PASTES.

Title (de)

VERFAHREN ZUM BESCHICHTEN ODER BEDRUCKEN EINER KUNSTSTOFF-FOLIE MIT WASSERHALTIGEN BESCHICHTUNGSMEDIEN, LÖSUNGSMITTELHALTIGEN BESCHICHTUNGSMEDIEN ODER MISCHUNGEN DAVON, UV-HÄRTBAREN LACKEN ODER FARBEN, SOWIE PVC-PASTEN.

Title (fr)

PROCEDE D'ENDUCTION OU D'IMPRESSION D'UNE FEUILLE DE MATIERE PLASTIQUE AVEC DES PRODUITS D'ENDUCTION HYDRATES, DES PRODUITS D'ENDUCTION CONTENANT DES SOLVANTS OU DES MELANGES DE CES PRODUITS, DES PEINTURES OU DES ENCRE DURCISSANT AUX UV, AINSI QU'AVEC DES PATES DE PVC.

Publication

EP 0637268 A1 19950208 (DE)

Application

EP 93909351 A 19930423

Priority

- DE 4213582 A 19920424
- DE 9300365 W 19930423

Abstract (en)

[origin: WO9322072A1] For coating or printing plastic films with water or solvent-containing coating agents or mixtures thereof, u/v-curable paints or inks and PVC pastes, and especially for printing with water-soluble printing inks, in order to avoid long drying stages and to maintain a precise register, the film is laid upon a substrate and heated until adhesive properties are produced, then cooled while still on the substrate, coated or printed while still adhering to the substrate, dried and finally cooled and removed from the substrate. Thus the adhesion of the film to the substrate after the production of adhesive properties subsists even after cooling and before coating or printing.

IPC 1-7

B05D 7/02; B05D 1/28; B41M 1/30; B41F 16/00

IPC 8 full level

B05D 1/28 (2006.01); **B05D 7/02** (2006.01); **B41F 16/02** (2006.01); **B41M 1/30** (2006.01); **B05D 3/02** (2006.01)

CPC (source: EP US)

B05D 1/28 (2013.01 - EP US); **B05D 7/02** (2013.01 - EP US); **B41F 16/02** (2013.01 - EP US); **B41M 1/30** (2013.01 - EP US); **B05D 3/0218** (2013.01 - EP US)

Citation (search report)

See references of WO 9322072A1

Cited by

US6249297B1

Designated contracting state (EPC)

CH ES FR GB IT LI NL

DOCDB simple family (publication)

WO 9322072 A1 19931111; AU 3979493 A 19931129; EP 0637268 A1 19950208; EP 0637268 B1 19960717; US 5552183 A 19960903

DOCDB simple family (application)

DE 9300365 W 19930423; AU 3979493 A 19930423; EP 93909351 A 19930423; US 32545095 A 19950106