

Title (en)

Thermal transfer film and method for varnishing without the use of dissolver

Title (de)

Thermische Transferfolie und Verfahren zur lösungsmittelfreien Lackierung

Title (fr)

Feuille de transfert thermique et procédé de laquage sans solvant

Publication

EP 2078618 A3 20111102 (DE)

Application

EP 08172096 A 20081218

Priority

DE 102008003629 A 20080109

Abstract (en)

[origin: EP2078618A2] The film (1) has a finishing lacquer layer (3) and an adhesive layer (4), which comprise a polymer e.g. aliphatic polyurethane polymer, and a copolymer e.g. polyurethane copolymer and/or acrylate copolymer, which are based on water. The layers comprise a respective thickness of 5 micrometers to 25 micrometers. The film has a carrier foil comprising a foil made of polyester, polyamide or copolymers. The finishing lacquer layer and/or an adhesive layer contains an ultraviolet absorber, and contains organic and/or inorganic pigments e.g. color and metal pigments. An independent claim is also included for a method for dissolver-free varnishing of surfaces of articles.

IPC 8 full level

B44C 1/17 (2006.01); **B41M 3/12** (2006.01); **B44C 1/00** (2006.01)

CPC (source: EP)

B41M 3/12 (2013.01); **B44C 1/1712** (2013.01)

Citation (search report)

- [X] EP 1702767 A2 20060920 - BAUSCHLINNEMANN GMBH & CO KG [DE]
- [X] WO 0020229 A1 20000413 - INT PLAYING CARD & LABEL COMPA [US]
- [XP] EP 1970215 A2 20080917 - DECOR DRUCK LEIPZIG GMBH [DE]

Cited by

US2017150839A1; US2017055753A1; US2017057268A1; US10710388B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2078618 A2 20090715; EP 2078618 A3 20111102; EP 2078618 B1 20130724; DE 102008003629 A1 20090723

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