

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 B1 20130724 (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)

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

DOCDB simple family (publication)  
**EP 2078618 A2 20090715; EP 2078618 A3 20111102; EP 2078618 B1 20130724; DE 102008003629 A1 20090723**

DOCDB simple family (application)  
**EP 08172096 A 20081218; DE 102008003629 A 20080109**