

Title (en)

Plastic foil printable with digital printing

Title (de)

Mit Digitaldruck bedruckbare Kunststoff-Folie und Herstellung einer bedruckten Kunststoff-Folie

Title (fr)

Feuille en plastic imprimable par impression digitale

Publication

**EP 1477319 A3 20041201 (DE)**

Application

**EP 04011230 A 20040512**

Priority

DE 10321365 A 20030513

Abstract (en)

[origin: EP1477319A2] A polymer film (I) is printable by means of digital printing technology and has an adhesive layer and a siliconized covering on its reverse face whereby the surface of the film (I) is coated with a thin layer of an acrylate polymer. An independent claim is included for a process for the production of the film (I) by coating the surface with a thin layer of acrylate polymer prior to the printing process.

IPC 1-7

**B41M 5/00**

IPC 8 full level

**B41M 5/52** (2006.01)

CPC (source: EP US)

**B41M 5/5254** (2013.01 - EP US); **Y10T 428/31931** (2015.04 - EP US); **Y10T 428/31993** (2015.04 - EP US)

Citation (search report)

- [X] WO 03002352 A1 20030109 - 3M INNOVATIVE PROPERTIES CO [US]
- [X] US 5288548 A 19940222 - WEBER RALPH J [US]
- [X] EP 0650851 A1 19950503 - KIMOTO KK [JP]
- [X] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 03 31 March 1999 (1999-03-31)

Cited by

DE202010008172U1; EP2412516A2; DE102010036687A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1477319 A2 20041117**; **EP 1477319 A3 20041201**; DE 10321365 A1 20041216; US 2004258942 A1 20041223

DOCDB simple family (application)

**EP 04011230 A 20040512**; DE 10321365 A 20030513; US 84353104 A 20040512