

Title (en)

COLD FILM TRANSFER METHOD AND TRANSFER FILM

Title (de)

KALTFOLIENTRANSFERVERFAHREN UND TRANSFERFOLIE

Title (fr)

PROCÉDÉ DE TRANSFERT DE FILMS À FROID ET FILM DE TRANSFERT

Publication

EP 3441234 A1 20190213 (DE)

Application

EP 18196930 A 20090911

Priority

- DE 102008047095 A 20080912
- EP 09011629 A 20090911

Abstract (en)

[origin: EP2172347A2] The film (40) has a transfer layer (41) detachable from a carrier foil (42) formed from polyethylene terephthalate (PET). A transparent releasing layer (43), a transparent protective lacquer layer (44), a decorative layer (45) and a base coating layer (46) are provided in the transfer layer towards the foil. The coating layer has a thermoplastic adhesive that is activated in a temperature range of less than 90 degree Celsius. The releasing layer is formed based on acrylate-copolymers. The decorative layer is formed by a metallic layer and a dielectric layer formed from metal oxide and polymer. An independent claim is also included for a cold film transfer method for processing transfer films.

Abstract (de)

Die Erfindung betrifft Transferfolien (40), deren Verwendung in einem Kaltfolientransferverfahren, sowie geeignete Kaltfolientransferverfahren. Die erfindungsgemäßen Transferfolien (40) weisen eine thermoplastische Grundierungsschicht (46) und/oder eine Wachs-freie und/oder Silikon-freie Ablöseschicht (43) auf.

IPC 8 full level

B44C 1/17 (2006.01)

CPC (source: EP)

B44C 1/1712 (2013.01); **B44C 1/1716** (2013.01); **B44C 1/1733** (2013.01); **B44C 1/1741** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2172347 A2 20100407; **EP 2172347 A3 20120711**; **EP 2172347 B1 20181114**; DE 102008047095 A1 20100318; EP 3441234 A1 20190213; EP 3441234 B1 20211222; PL 2172347 T3 20190430; PL 3441234 T3 20220404; TR 201900866 T4 20190221

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