

Title (en)
Sandwich printing process

Title (de)
Sandwichdruckverfahren

Title (fr)
Procédé d'impression en sandwich

Publication
EP 1745928 A2 20070124 (DE)

Application
EP 06013677 A 20060701

Priority
DE 102005034509 A 20050720

Abstract (en)
The method involves lamination of a thin, canvas-type structured and flexible embossed base with a plastic foil at a laminar embossed image (3). The embossed image is inserted with accurate position on a surface relief or between positive and negative surface relief. Upper and lower embossed forms (1, 2) are combined together with embossed image and executing a press embossing under increased temperature and pressure influence. The embossed forms are separated after a short press embossing, and a side of the relief-like structured embossed image is cooled. An independent claim is also included for a three dimensional relief-and/or image reproduction of a relief-and/or image original in form of an embossed image.

IPC 8 full level
B41F 19/02 (2006.01); **B41M 1/24** (2006.01)

CPC (source: EP)
B41F 19/02 (2013.01); **B41M 1/24** (2013.01); **B41M 1/06** (2013.01); **B41M 1/12** (2013.01)

Citation (applicant)

- US 5201548 A 19930413 - LANG STEFAN [CA], et al
- DE 2851875 A1 19800604 - BECKER HEINZ WILHELM
- EP 0873233 B1 20021120 - HALLMARK CARDS [US]
- EP 0011731 A1 19800611 - RUDOLF EMIL [DE], et al
- DE 7243476 U

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
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EP 1745928 A2 20070124; DE 102005034509 A1 20070125

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