

Title (en)

Embossing coating for metallic printing material

Title (de)

Prägebeschichtung für metallische Bedruckstoffe

Title (fr)

Revêtement en relief d'imprégnation pour matière d'impression métallique

Publication

**EP 1839903 A2 20071003 (DE)**

Application

**EP 07005430 A 20070316**

Priority

- DE 102006015189 A 20060401
- DE 102006044957 A 20060922

Abstract (en)

The method involves transferring an image-providing or covering layer in an area from a transfer foil (5) provided with an adhesive. A rigid-elastic printed sheet is supplied as a sheet metal board or a plastic sheet into a printing machine. A transfer gap (6) is provided with an image-moderate or holohedral foil coating on a printed or laminated and/or unprinted or unlaminated side over the transfer foil. The metallic and/or plastic printed sheet is dried before and/or after applying the foil coating. An independent claim is also included for a device for transferring a function layer of a transfer foil on a printed sheet.

Abstract (de)

Ein Beschichtungswerk zum Transfer von bildgebenden oder abdeckenden Schichten von einer Transferfolie 5 auf einen Bedruckstoff soll flexible zur Herstellung komplexer Bedruckstoffe aus Folienmaterial eingesetzt werden. Hierzu wird wenigstens ein Folienapplikationsmodul FA derart in einer Bogenrotationsdruckmaschine eingesetzt, dass eine variable in Kombination in Verbindung mit Druckwerken, Lackwerken und wenigstens einer Wendeeinrichtung geschaffen wird.

IPC 8 full level

**B44C 1/17** (2006.01); **B41F 7/16** (2006.01); **B41F 16/00** (2006.01); **B41F 17/00** (2006.01); **B41F 19/00** (2006.01); **B41F 19/06** (2006.01); **B41F 23/04** (2006.01); **B42D 15/10** (2006.01)

CPC (source: EP)

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Citation (applicant)

- EP 0569520 B1 19960117 - CROS JEAN PIERRE [FR]
- WO 2005100035 A2 20051027 - ROLAND MAN DRUCKMASCH [DE], et al
- JP 2003275658 A 20030930 - YODOGAWA STEEL WORKS
- DE 10138864 A1 20030227 - KOENIG & BAUER AG [DE]

Cited by

WO2010066638A1; CN103057256A; CN102248767A; CN107297949A; CN102514365A; CN104842642A; US2015090139A1; DE102008003629A1; US2015083004A1; CH703704A1; CN110843328A; JP2017170668A; EP3434482A4; EP3348402A1; CN110154516A; DE102009007002B4; WO2017041981A1; WO2010097270A3; US10259211B2; US10556422B2; US10792910B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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