

Title (en)

Film transfer device with material application device

Title (de)

Folientransferwerk mit Materialaufbringeinrichtung

Title (fr)

Outil de transfert de feuille avec dispositif de traitement

Publication

EP 1884362 A3 20120404 (DE)

Application

EP 07112580 A 20070717

Priority

- DE 102006035299 A 20060731
- DE 102006038798 A 20060818

Abstract (en)

[origin: EP1884362A2] A printing unit of a printing press has impression and blanket cylinders (5,4) that transfer the transfer layer to a printing sheet (6) and a material applicator (7), such as a bush, that applies a fluid or powder friction-reducing material to the cylinders and the reverse side of the carrier foil. A transfer foil (1) is moved together with the sheet along a transport path to the cylinders. The material applicator is located in a region at the transport path of the transfer foil and is positioned upstream of the cylinders in a transport direction. Independent claims are included for (1) method of transferring a transfer layer from the front surface of a carrier foil to a printing material; (2) transfer foil.

IPC 8 full level

B41F 19/06 (2006.01); **B41M 3/12** (2006.01); **B44C 1/17** (2006.01)

CPC (source: EP US)

B41F 19/062 (2013.01 - EP US); **B41P 2219/51** (2013.01 - EP US)

Citation (search report)

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- [X] DE 3941424 A1 19910620 - KURZ LEONHARD FA [DE]
- [X] US 4923848 A 19900508 - AKADA MASANORI [JP], et al
- [X] US 2006127623 A1 20060615 - ISHIDA TADAHIRO [JP]
- [A] JP H10100597 A 19980421 - DAINIPPON PRINTING CO LTD

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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 MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1884362 A2 20080206; **EP 1884362 A3 20120404**; **EP 1884362 B1 20140507**; CN 101117044 A 20080206; CN 101117044 B 20110511; DE 102006038798 A1 20080207; JP 2008030484 A 20080214; JP 5121341 B2 20130116; US 2008022871 A1 20080131

DOCDB simple family (application)

EP 07112580 A 20070717; CN 200710138455 A 20070731; DE 102006038798 A 20060818; JP 2007199310 A 20070731; US 83091907 A 20070731