

Title (en)
METHOD FOR TRANSFER PRINTING AND COPY FOR SAID PURPOSE

Title (de)
VERFAHREN ZUM TRANSFERDRUCKEN SOWIE DRUCKVORLAGEN FÜR DIESE ZWECKE

Title (fr)
PROCÉDÉ D'IMPRESSION PAR TRANSFERT, ET MODÈLES D'IMPRESSION À CET EFFET

Publication
EP 2104617 B1 20100526 (DE)

Application
EP 07866243 A 20071218

Priority
• EP 2007011121 W 20071218
• DE 102006062446 A 20061223

Abstract (en)
[origin: US2008160229A1] The present invention relates to a method of transfer printing on substrates that comprises the steps of printing a UV-curing substance onto a polymeric release layer of a transfer material at regions not intended for transfer to the substrate. This release layer has at least one image which is printed from conventional inks, or it is a colored film. The method further comprises at least partial transfer of the image or the colored film or a combination of the aforementioned to the substrate under the action of heat and pressure, and removal of the transfer material from the substrate. The regions of the polymeric release layer coated with the UV-curing substance are detached from the substrate, and the image-bearing regions of the polymeric release layer or the colored film regions, or the combination thereof, remain joined to the substrate.

IPC 8 full level
B41M 5/025 (2006.01); **B41M 5/035** (2006.01); **D06P 5/00** (2006.01)

CPC (source: EP US)
B41M 5/0256 (2013.01 - EP US); **B41M 5/035** (2013.01 - EP US); **D06P 5/003** (2013.01 - EP US)

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

DOCDB simple family (publication)
US 2008160229 A1 20080703; US 8197631 B2 20120612; AT E468980 T1 20100615; DE 102006062446 A1 20080626;
DE 502007003976 D1 20100708; EP 2104617 A1 20090930; EP 2104617 B1 20100526; ES 2346816 T3 20101020; PT 2104617 E 20100818;
WO 2008077534 A1 20080703

DOCDB simple family (application)
US 96167407 A 20071220; AT 07866243 T 20071218; DE 102006062446 A 20061223; DE 502007003976 T 20071218;
EP 07866243 A 20071218; EP 2007011121 W 20071218; ES 07866243 T 20071218; PT 07866243 T 20071218