

Title (en)
METHOD FOR CHECKING THE MAINTENANCE OF REGISTER OF PRINTED IMAGES TO BE PRINTED ON TWO OPPOSITE SIDES OF A PRINTING MATERIAL

Title (de)
VERFAHREN ZUR PRÜFUNG EINER REGISTERHALTIGKEIT VON AUF ZWEI GEGENÜBERLIEGENDEN SEITEN EINES BEDRUCKSTOFFES ZU DRUCKENDEN DRUCKBILDERN

Title (fr)
PROCÉDÉ DE VÉRIFICATION DU MAINTIEN DU REGISTRE D'IMAGES D'IMPRESSION À IMPRIMER SUR DEUX FACES OPPOSÉES D'UN SUBSTRAT D'IMPRESSION

Publication
EP 3426492 A1 20190116 (DE)

Application
EP 17710508 A 20170307

Priority
• DE 102016204072 A 20160311
• EP 2017055317 W 20170307

Abstract (en)
[origin: WO2017153404A1] A method is proposed for checking the maintenance of register of printed images to be printed on two opposite sides of a printing material (07), in which method the first side of the printing material (07) is printed in a rotary printing press by means of a first printing unit cylinder (02), and in which method the second side of the printing material (07) which lies opposite the first side is printed in the printing process by means of a second printing unit cylinder (03) which interacts with the first printing unit cylinder (02), wherein a printed image is printed by the first printing unit cylinder (02) onto the second printing unit cylinder (03), wherein afterwards the printing material (07) is printed in contact with the two interacting printing unit cylinders (02; 03), by the printed image which is printed onto the second printing unit cylinder (03) being printed onto the same side of the printing material (07) together with an identical or a different printed image which is to be printed in each case by the second printing unit cylinder (03) during continuous printing of the rotary printing press, wherein said printed images which are printed together onto the same side of the printing material (07) are subsequently checked with regard to their maintenance of register.

IPC 8 full level
B41F 33/00 (2006.01); **B41F 11/02** (2006.01); **B41F 13/12** (2006.01); **B41F 35/02** (2006.01); **B41F 35/06** (2006.01)

CPC (source: EP US)
B41F 11/02 (2013.01 - EP US); **B41F 13/025** (2013.01 - US); **B41F 13/12** (2013.01 - EP US); **B41F 13/14** (2013.01 - US); **B41F 13/16** (2013.01 - US); **B41F 27/005** (2013.01 - US); **B41F 33/0009** (2013.01 - EP US); **B41F 33/0036** (2013.01 - EP US); **B41F 33/0081** (2013.01 - EP US); **B41F 35/02** (2013.01 - EP US); **B41F 35/06** (2013.01 - EP US); **B41P 2213/90** (2013.01 - EP US); **B41P 2213/91** (2013.01 - EP US); **B41P 2233/13** (2013.01 - EP US); **B41P 2235/26** (2013.01 - EP US)

Citation (search report)
See references of WO 2017153404A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2017153404 A1 20170914; CN 108778749 A 20181109; CN 108778749 B 20191025; DE 102016204072 A1 20170914; DE 102016204072 B4 20180503; EP 3426492 A1 20190116; EP 3426492 B1 20191030; JP 2019507696 A 20190322; JP 6567200 B2 20190828; US 10308012 B2 20190604; US 2019084293 A1 20190321

DOCDB simple family (application)
EP 2017055317 W 20170307; CN 201780016609 A 20170307; DE 102016204072 A 20160311; EP 17710508 A 20170307; JP 2018547878 A 20170307; US 201716083582 A 20170307