

Title (en)

DEVICE AND METHOD FOR PRODUCING GRAVURE PRINTING FORMES AND OFFSET PRINTING FORMES OR FOR PRINTING CYLINDRICAL PRINTING MATERIALS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG VON TIEFDRUCK- UND OFFSETDRUCKFORMEN ODER ZUM BEDRUCKEN VON ZYLINDRISCHEN BEDRUCKSTOFFEN

Title (fr)

DISPOSITIF ET PROCÉDÉ PERMETTANT DE PRODUIRE DES FORMES D'IMPRESSION OFFSET OU EN CREUX OU D'IMPRIMER DES SUPPORTS D'IMPRESSION CYLINDRIQUES

Publication

EP 2699419 A1 20140226 (DE)

Application

EP 12721195 A 20120420

Priority

- DE 102011002229 A 20110421
- EP 2012057282 W 20120420

Abstract (en)

[origin: WO2012143517A1] The invention relates to a device and a method for printing the surface of a flat or cylindrical printing-image store (1, 1'), wherein the device consists of an arrangement of closely adjacent cells (3), having a printing-image store (1, 1') which is assigned displaceably to a frame (13), having a coating device (16) which is assigned to the frame (13) and by way of which a protective layer and/or a primer (5) can be applied to the surface of the printing-image store (1, 1'), having a printing device (17) which is assigned to the frame (13) and by way of which ink can be introduced into the cells (3) or can be applied to the cylindrical printing material at selected points of the surface of the printing-image store (1, 1') by means of an inkjet print head, having a drying device (18) which is assigned to the frame (13) and by way of which the protective layer and/or the primer (5) which is applied to the surface of the printing-image store (1, 1') or the ink (6) which is introduced into the cells (3) or is applied to the cylindrical printing material can be dried, and having a positioning device (28 to 31), in order to move the carrier (12) between the coating device (16), the drying device (18) and the printing device (17) and to position it there in each case in a processing position. (Exemplary figure: figure 7)

IPC 8 full level

B41C 1/00 (2006.01); **B41J 3/407** (2006.01); **B41M 5/00** (2006.01)

CPC (source: EP US)

B41C 1/003 (2013.01 - EP US); **B41J 3/4073** (2013.01 - EP US); **B41J 11/002** (2013.01 - EP US); **B41J 11/00216** (2021.01 - EP US); **B41M 5/0011** (2013.01 - EP US); **B41M 7/0018** (2013.01 - US); **B41M 5/0088** (2013.01 - EP US)

Citation (search report)

See references of WO 2012143517A1

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

DOCDB simple family (publication)

DE 102011002229 A1 20121025; EP 2699419 A1 20140226; US 2014043417 A1 20140213; WO 2012143517 A1 20121026

DOCDB simple family (application)

DE 102011002229 A 20110421; EP 12721195 A 20120420; EP 2012057282 W 20120420; US 201314059276 A 20131021