

Title (en)
SUBSTANCE(S) DEPOSITION CONTROL DEVICE FOR OFFSET PRINTING SYSTEM AND METHOD FOR IMPLEMENTING THE DEVICE

Title (de)
SUBSTANZ(EN)ABLAGERUNGSSTEUERUNGSVORRICHTUNG FÜR OFFSETDRUCKSYSTEM UND VERFAHREN ZUR IMPLEMENTIERUNG DER VORRICHTUNG

Title (fr)
DISPOSITIF DE CONTRÔLE DE DÉPÔT DE MATIÈRE(S) POUR SYSTÈME D'IMPRESSION OFFSET ET PROCÉDÉ DE MISE EN OEUVRE DU DISPOSITIF

Publication
EP 2847002 B1 20161102 (FR)

Application
EP 13726440 A 20130507

Priority
• FR 1254183 A 20120507
• EP 2013059541 W 20130507

Abstract (en)
[origin: WO2013167627A1] The present invention relates to a substance(s) deposition control device for an offset printing system comprising at least one offset plate (2) intended to receive at least one substance so as to transfer the substance or substances onto a substrate (4), at least one means for the controlled deposition of at least one substance, the deposition means comprising at least one head unit spraying at least one wetting solution and at least one head unit spraying at least one coloured substance, at least one means (6) for cleaning the offset plate (2). The covering of the offset plate (2) comprises a mesh structure defined by a plurality of hydrophilic and lipophilic individual surfaces capable of receiving a controlled deposition of substance(s), each of these hydrophilic and lipophilic individual surfaces being separated from its direct neighbours by at least one hydrophobic and lipophobic peripheral surface. The invention also relates to a printing system incorporating the device and to a printing process implementing the device.

IPC 8 full level
B41J 2/005 (2006.01)

CPC (source: EP US)
B41F 35/06 (2013.01 - US); **B41J 2/0057** (2013.01 - EP US)

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)
FR 2990153 A1 20131108; FR 2990153 B1 20141226; EP 2847002 A1 20150318; EP 2847002 B1 20161102; IL 235280 A0 20141231; JP 2015520688 A 20150723; JP 6250641 B2 20171220; US 2015114244 A1 20150430; US 9296202 B2 20160329; WO 2013167627 A1 20131114

DOCDB simple family (application)
FR 1254183 A 20120507; EP 13726440 A 20130507; EP 2013059541 W 20130507; IL 23528014 A 20141022; JP 2015510804 A 20130507; US 201314398812 A 20130507