

Title (en)

Method and device for applying a dampening solution or a paint

Title (de)

Verfahren und Vorrichtung zum Auftragen eines Feuchtmittels oder einer Farbe

Title (fr)

Procédé et dispositif destinés à l'application d'un matériau humide ou d'une couleur

Publication

EP 2008815 A3 20100414 (DE)

Application

EP 08159071 A 20080626

Priority

DE 102007029341 A 20070626

Abstract (en)

[origin: EP2008815A2] The method involves applying a fluid during rotation of a rotation body (2) in pulses, and simulating a topographic fluid allocation of the rotation body after surface covering and film thickness are equivalent in a mathematical model. Duration of the pulses or distance between the pulses is adjusted depending on the simulated fluid allocation. The topographic fluid allocation is simulated regarding a film division in the model. An outer circumferential surface of the rotation body in the model is divided into lines. An independent claim is also included for a device for applying fluid to a rotation body of a printing machine.

IPC 8 full level

B41F 7/30 (2006.01); **B41F 33/00** (2006.01)

CPC (source: EP)

B41F 7/30 (2013.01); **B41F 33/0027** (2013.01); **B41F 33/0054** (2013.01); **B41F 33/0063** (2013.01)

Citation (search report)

- [A] WO 2006013178 A1 20060209 - GOSS GRAPHIC SYSTEMS LTD [GB], et al
- [A] EP 0706885 A1 19960417 - ROLAND MAN DRUCKMASCH [DE]
- [A] US 4649818 A 19870317 - SWITALL THOMAS G [US], et al
- [A] FR 2816544 A1 20020517 - ASSOCIATIONS DE GESTION DE L E [FR]
- [A] EP 1279501 A2 20030129 - DAINIPPON SCREEN MFG [JP]

Cited by

CN107073932A; EP2295248A1; US9908322B2; WO2016041642A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2008815 A2 20081231; **EP 2008815 A3 20100414**; **EP 2008815 B1 20110420**; AT E506186 T1 20110515; DE 102007029341 A1 20090115; DE 502008003245 D1 20110601

DOCDB simple family (application)

EP 08159071 A 20080626; AT 08159071 T 20080626; DE 102007029341 A 20070626; DE 502008003245 T 20080626