

Title (en)

PRINTING UNIT, AND DEVICES AND METHOD FOR CONTROLLING THE TEMPERATURE OF A PRINTING UNIT

Title (de)

DRUCKEINHEIT SOWIE VORRICHTUNGEN UND VERFAHREN ZUR TEMPERIERUNG EINER DRUCKEINHEIT

Title (fr)

UNITÉ D'IMPRESSION ET DISPOSITIFS ET PROCÉDÉS DE RÉGULATION DE LA TEMPÉRATURE D'UNE UNITÉ D'IMPRESSION

Publication

EP 2326505 B1 20121107 (DE)

Application

EP 09782625 A 20090904

Priority

- EP 2009061475 W 20090904
- DE 102008042090 A 20080915

Abstract (en)

[origin: WO2010029023A1] The invention relates to a printing unit, which comprises at least a plurality of printing mechanisms (04) which are arranged on a same side of a web (02) to be printed and which each comprise an inking unit (08) having at least one roller (11) and a dampening unit (09), wherein rollers (11) of inking units (08) of several printing mechanisms (04) arranged on a same side of a web (02) to be printed are in thermal contact with a same temperature-control medium circuit (16) for controlling the temperature of said rollers, and the temperature-control medium circuit (16) is designed as an inner temperature-control medium circuit (16) having a substantially constant circulating volumetric flow rate of temperature-control medium.

IPC 8 full level

B41F 13/22 (2006.01); **B41F 31/00** (2006.01)

CPC (source: EP US)

B41F 13/22 (2013.01 - EP US); **B41F 31/002** (2013.01 - EP US)

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2010029023 A1 20100318; CN 102149544 A 20110810; DE 102008042090 A1 20100325; EP 2326505 A1 20110601; EP 2326505 B1 20121107; US 2011162545 A1 20110707

DOCDB simple family (application)

EP 2009061475 W 20090904; CN 200980135972 A 20090904; DE 102008042090 A 20080915; EP 09782625 A 20090904; US 99806709 A 20090904