Title (en)

METHOD FOR SETTING AND DEVICE FOR DETERMINING AN OPTIMAL OPERATING DISTANCE BETWEEN AT LEAST TWO CYLINDERS OF A PRINTING UNIT INVOLVED IN THE PRINTING PROCESS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ERMITTELN UND EINSTELLEN EINES OPTIMIERTEN ARBEITSABSTANDES ZWISCHEN ZUMINDEST ZWEI AM DRUCKPROZESS BETEILIGTEN ZYLINDERN

Title (fr)

PROCEDE DE REGLAGE ET DISPOSITIF POUR DETERMINER LA DISTANCE OPTIMALE ENTRE AU MOINS DEUX CYLINDRES IMPLIQUES DANS LE PROCEDE D'IMPRESSION

Publication

EP 2566695 A1 20130313 (DE)

Application

EP 11717678 A 20110509

Priority

• EP 10162344 A 20100507
• EP 2011057417 W 20110509
• EP 11717678 A 20110509

Abstract (en)

[origin: EP2384892A1] The method involves adjusting optimized operating distance between cylinders e.g. anilox roller (7) and format cylinder, by a control device based on measuring values of a sensor device. Change in an ink film occurred on one of cylinders is recorded by the sensor device, where the cylinders are provided for transporting ink to printing material. The cylinder is arranged upstream in an ink-transporting direction. The change in the ink film is occurred during removal of the ink or during the change in a surface of the ink film based on a contact pressure. An independent claim is also included for a device for adjusting optimized operating distance between cylinders.

IPC 8 full level

B41F 31/32 (2006.01); B41F 33/00 (2006.01)

CPC (source: EP US)

B41F 3/58 (2013.01 - US); B41F 5/20 (2013.01 - EP US); B41F 5/24 (2013.01 - EP US); B41F 13/14 (2013.01 - US); B41F 31/301 (2013.01 - EP US); B41F 31/32 (2013.01 - EP US); B41F 33/0063 (2013.01 - EP US)

Citation (search report)

See references of WO 2011138466A1

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)

EP 2384892 A1 20111109; EP 2566695 A1 20130313; EP 2566695 B1 20140416; EP 2759407 A2 20140730; EP 2759407 A3 20150506; EP 2759407 B1 20160713; ES 2478247 T3 20140721; ES 2595256 T3 20161228; US 2013291749 A1 20131107; US 2015210058 A1 20150730; WO 2011138466 A1 20111110

DOCDB simple family (application)

EP 10162344 A 20100507; EP 11717678 A 20110509; EP 14157875 A 20110509; EP 2011057417 W 20110509; ES 11717678 T 20110509; ES 14157875 T 20110509; US 201113696700 A 20110509; US 201414570134 A 20141215