

Title (en)

Method for controlling a parameter of an inking system

Title (de)

Verfahren zur Regelung eines Parameters eines Farbwerks

Title (fr)

Procédé de régulation d'un paramètre d'un dispositif d'encre

Publication

EP 2762316 B1 20180905 (DE)

Application

EP 14151603 A 20140117

Priority

DE 102013100916 A 20130130

Abstract (en)

[origin: EP2762316A2] The method involves calculating a target value (11) of an ink density (20) on a substrate to be printed by a printing press by an empirical inking unit model (18) including a dead time element reflecting a runtime of a copy between printing and measurement, based on a control parameter including a rotational speed of an ink fountain roller and an opening of an ink blade. The calculated value is used as an input quantity for controlling instead of an actual value. The calculated value is exclusively calculated temporarily based on a number of parameters of the inking unit. An independent claim is included for a printing machine.

IPC 8 full level

B41F 33/00 (2006.01); **B41F 31/04** (2006.01)

CPC (source: EP US)

B41F 31/022 (2013.01 - US); **B41F 31/045** (2013.01 - EP US); **B41F 33/0045** (2013.01 - EP US); **B41P 2231/12** (2013.01 - EP US); **B41P 2233/11** (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)

EP 2762316 A2 20140806; **EP 2762316 A3 20160601**; **EP 2762316 B1 20180905**; CN 103963454 A 20140806; DE 102013100916 A1 20140731; ES 2687069 T3 20181023; US 2014208967 A1 20140731

DOCDB simple family (application)

EP 14151603 A 20140117; CN 201410106586 A 20140130; DE 102013100916 A 20130130; ES 14151603 T 20140117; US 201414167865 A 20140129