

Title (en)

Method and system for colour correction in printing jobs performed in a printing machine

Title (de)

Verfahren und System zur Farbkorrektur in von einer Druckmaschine durchgeführten Druckaufträgen

Title (fr)

Procédé et système pour la correction de couleur dans des travaux d'impression effectués dans une machine d'impression

Publication

EP 2985150 B1 20170208 (EN)

Application

EP 14380023 A 20140811

Priority

EP 14380023 A 20140811

Abstract (en)

[origin: EP2985150A1] The present invention relates to color correction system and method for correcting color in print jobs run in a printing machine, whereby a first ink unit provides to a printing group of a printing machine an initially mixed ink similar to a target color provided by a prepress digital file. Printing is performed on a support, and an optical sensor obtains colorimetric information about the printed color, which is compared with the target color by means of a control device detecting color deviations in the printed color and calculates the composition of a corrective ink which, when mixed with the initially mixed ink, allows printing colors without color deviations. A second ink unit controlled by the control device provides said corrective ink with temperature and/or viscosity similar to the temperature and/or viscosity of the initially mixed ink used during initial printing.

IPC 8 full level

B41F 31/00 (2006.01); **B41F 31/02** (2006.01)

CPC (source: EP)

B41F 31/005 (2013.01); **B41F 31/02** (2013.01)

Cited by

WO2019057342A1; CN111107996A; CN107718855A; CN117554305A; US11458724B2; WO2018051332A1; US10657640B2; US11446922B2; WO2017174219A1

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 2985150 A1 20160217; **EP 2985150 B1 20170208**; ES 2631329 T3 20170830

DOCDB simple family (application)

EP 14380023 A 20140811; ES 14380023 T 20140811