

Title (en)

Method for controlling printing processes

Title (de)

Verfahren zur Regelung von drucktechnischen Prozessen

Title (fr)

Procédé destiné à la régulation de processus d'impression

Publication

EP 1958774 A3 20110601 (DE)

Application

EP 08002539 A 20080212

Priority

DE 102007007447 A 20070215

Abstract (en)

[origin: EP1958774A2] In a process to regulate a technical printing process e.g. crop mark, colour registration, colour density regulation point registration, or colour location regulation, a sensor measures a current value reproduced on the print medium. The value registered is compared with a pre-printed and measured target value. The difference between the two signals is used as a correction value signal for the print process. In the correction process, the actual value and the target value correction is first determined at reduced resolution and the correction then calculated by correlation. In the vicinity of the maximum, the correlated sub-pixel approximation is then effected by interpolation.

IPC 8 full level

B41F 33/00 (2006.01)

CPC (source: EP)

B41F 33/0027 (2013.01); **B41F 33/0036** (2013.01); **B41F 33/0081** (2013.01)

Citation (search report)

- [AD] DE 4237004 C2 19960704 - MOHNDRUCK REINHARD MOHN OHG [DE]
- [A] DE 10218068 A1 20021128 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] US 2007019216 A1 20070125 - CHODAGIRI SYAM [US], et al

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 1958774 A2 20080820; EP 1958774 A3 20110601; DE 102007007447 A1 20080828

DOCDB simple family (application)

EP 08002539 A 20080212; DE 102007007447 A 20070215