

Title (en)

Method and device for measuring and/or correcting registration marks

Title (de)

Verfahren und Vorrichtung zur Passermessung und/oder Passerkorrektur

Title (fr)

Procédé et dispositif de mesure et/ou de correction du repérage

Publication

EP 2722180 A1 20140423 (DE)

Application

EP 13187927 A 20131009

Priority

DE 102012109949 A 20121018

Abstract (en)

The method involves determining position of measuring element (1) for measuring color of individual inks in multi-color printing. The measuring element is provided with non-rectangular sheet having elliptical basic shape and/or ellipse-like polygon shape. The non-rectangular sheet having different length is provided in mutually perpendicular directions. Independent claims are included for the following: (1) a method for correction of deviation in measurement of color of individual inks in multi-color printing; and (2) a device for measuring and correcting color of individual inks in multi-color printing.

Abstract (de)

Verfahren und Vorrichtung zur Passermessung, bei dem die Lage mehrerer Passerelemente (1) während des Druckverlaufs gemessen wird, wobei mindestens ein zumindest teilweise gefülltes Passerelement (1) eine nicht rechteckige Flächenform hat, die in zwei zueinander senkrechten Richtungen unterschiedliche Längen aufweist, insbesondere eine etwa ellipsenförmige Grundform und/oder die Form eines ellipsenähnlichen Vielecks.

IPC 8 full level

B41F 33/00 (2006.01)

CPC (source: EP)

B41F 33/0081 (2013.01); **B41P 2233/50** (2013.01); **B41P 2233/51** (2013.01); **B41P 2233/52** (2013.01)

Citation (applicant)

- EP 0452769 B1 19950712 - BOBST SA [CH]
- DE 102011113885 A1 20120329 - HEIDELBERGER DRUCKMASCH AG [DE]

Citation (search report)

- [XDI] EP 0452769 A1 19911023 - BOBST SA [CH]
- [XI] DE 4338976 A1 19950518 - FOGRA FORSCHUNGSGESELLSCHAFT D [DE]
- [XI] JP S6179657 A 19860423 - FUJITSU TEN LTD
- [XI] JP S63191638 A 19880809 - TOPPAN PRINTING CO LTD
- [XI] US 5126578 A 19920630 - ROCH ROGER H [CH], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2722180 A1 20140423; **EP 2722180 B1 20150715**; DE 102012109949 A1 20140522

DOCDB simple family (application)

EP 13187927 A 20131009; DE 102012109949 A 20121018