

Title (en)

MEASURING SYSTEM AND METHOD FOR CALIBRATING PRINTING STATIONS

Title (de)

MESSSYSTEM UND VERFAHREN ZUR KALIBRIERUNG VON DRUCKSTATIONEN

Title (fr)

SYSTÈME DE MESURE ET PROCÉDÉ D'ÉTALONNAGE DE STATIONS D'IMPRESSION

Publication

**EP 3245475 A1 20171122 (DE)**

Application

**EP 15813082 A 20151221**

Priority

- DE 102015100337 A 20150112
- EP 2015080886 W 20151221

Abstract (en)

[origin: WO2016113086A1] The invention relates to a measuring system for measuring a printing station (3) comprising a printing head (2). Said printing head (2) can be held in its position and can be adjusted on the printing station (3). The measuring system (10) comprises the following: at least one measuring device (11) which is designed to detect measuring information of a position-modifiable component of the printing station (3) during the movement thereof; a calculating unit (12) which is designed to capture the measurement information provided by the measuring device (11), said calculation unit (12) being designed to determine the actual positional information of the position-modifiable component from the captured measuring information, for comparing said actual positional data to predetermined desired positional data and for determining calibration information based on the actual positional data and the desired positional data; an interface (13) for transmitting the calibration information.

IPC 8 full level

**G01B 11/24** (2006.01); **B41J 25/304** (2006.01)

CPC (source: EP US)

**B41J 3/4073** (2013.01 - EP US); **B41J 3/40733** (2020.08 - EP US); **B41J 25/304** (2013.01 - EP US); **G01B 11/002** (2013.01 - US); **G01B 11/24** (2013.01 - US); **G01B 11/2504** (2013.01 - US); **G01B 11/272** (2013.01 - EP US); **G01B 11/28** (2013.01 - US); **G01B 11/285** (2013.01 - US); **G01B 13/12** (2013.01 - US); **B41F 17/18** (2013.01 - US); **B41F 33/14** (2013.01 - US)

Citation (search report)

See references of WO 2016113086A1

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)

**DE 102015100337 A1 20160714**; EP 3245475 A1 20171122; US 10336109 B2 20190702; US 2018009246 A1 20180111; WO 2016113086 A1 20160721

DOCDB simple family (application)

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