

Title (en)

METHOD FOR ADJUSTING THE POSITION OF FORM CYLINDERS IN A ROTARY PRINTING MACHINE

Title (de)

VERFAHREN ZUR EINSTELLUNG DER POSITION VON FORMZYLINDERN IN EINER ROTATIONSDRUCKMASCHINE

Title (fr)

PROCÉDÉ DE RÉGLAGE DE LA POSITION DE CYLINDRES DE FORME DANS UNE PRESSE D'IMPRESSION ROTATIVE

Publication

**EP 3251853 B1 20190102 (EN)**

Application

**EP 17000882 A 20170525**

Priority

CZ 2016319 A 20160531

Abstract (en)

[origin: EP3251853A1] Method for adjusting the positions of printing cylinders (2), in which a central impression cylinder (1) is rotated to its initial position, a movable arm (4) provided with a sensor (5) is clamped to the central impression cylinder (1), and together with the central impression cylinder (1) driven by its own drive it rotates gradually to each printing cylinder (2), stopping therein, the printing cylinder (2) shifts to the adjusting position and turns, a reference sign (9) provided thereon aligns with the sensor axis, and after adjusting the last printing cylinder (2) the movable arm (4) rotates to its initial position and unclamps from the central impression cylinder (1). The rotary printing machine comprises at least two printing units (2, 3, 12) around the central impression cylinder (1), wherein the printing unit (2, 3, 12) comprises a printing cylinder (2), a raster cylinder (3) and an ink reservoir (12), and wherein the printing cylinders (2) are provided with a reference sign (9) on a printing sleeve, and further the rotary printing machine comprising a movable arm (4) rotatable around the axis of the central impression cylinder (1), wherein a sensor (5) for sensing the reference sign (9) position is provided on the movable arm (4).

IPC 8 full level

**B41F 33/00** (2006.01); **B41F 5/18** (2006.01); **B41F 5/24** (2006.01); **B41F 13/14** (2006.01); **B41F 13/38** (2006.01); **B41F 33/02** (2006.01)

CPC (source: EP)

**B41F 5/18** (2013.01); **B41F 5/24** (2013.01); **B41F 13/14** (2013.01); **B41F 13/38** (2013.01); **B41F 33/0072** (2013.01); **B41F 33/02** (2013.01); **B41P 2233/13** (2013.01)

Cited by

EP4201677A1; EP3988305A1; EP4035899A1

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 3251853 A1 20171206**; **EP 3251853 B1 20190102**; CZ 2016319 A3 20171227; CZ 307067 B6 20171227; ES 2711766 T3 20190507

DOCDB simple family (application)

**EP 17000882 A 20170525**; CZ 2016319 A 20160531; ES 17000882 T 20170525