

Title (en)

DEVICE AND METHOD FOR MEASURING AND SETTING THE WEB TENSION BETWEEN INKING STATIONS OF A MULTICOLOR PRESS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM MESSEN UND EINSTELLEN DER BAHNSPANNUNG ZWISCHEN FARBWERKEN EINER MEHRFARBENMASCHINE

Title (fr)

DISPOSITIF ET PROCÉDÉ DE MESURE ET DE RÉGLAGE DE LA TENSION DE BANDE ENTRE DES MÉCANISMES D'ENCRAGE D'UNE MACHINE D'IMPRESSION POLYCHROME

Publication

EP 1981791 B1 20110105 (DE)

Application

EP 07801404 A 20070125

Priority

- EP 2007000845 W 20070125
- DE 102006004307 A 20060131

Abstract (en)

[origin: US2009020641A1] The present invention describes a device for measuring and setting the web tension on a printing press (8) comprising several inking units (Dn), in which device measuring means (Mm,n) for measuring the web tension and setting means (Fn) for setting the web tension are provided, using which the web tension can be set actively in the case of unsteady web tension conditions. The invention is characterized in that at least one measuring means (Mm,n) and at least one setting means (Fn) are disposed in such a manner that the web tension can be measured and set between the print areas of two inking units. A control device is provided, which controls the at least one setting means based on the measured values of the at least one measuring means (Mm,n).

IPC 8 full level

B65H 23/04 (2006.01); **B41F 13/02** (2006.01)

CPC (source: EP US)

B41F 13/02 (2013.01 - EP US); **B65H 23/044** (2013.01 - EP US)

Cited by

DE102012013435A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2009020641 A1 20090122; **US 8485095 B2 20130716**; AT E494249 T1 20110115; DE 102006004307 A1 20070809; DE 102006004307 B4 20130814; DE 502007006180 D1 20110217; EP 1981791 A1 20081022; EP 1981791 B1 20110105; ES 2357657 T3 20110428; WO 2007144031 A1 20071221

DOCDB simple family (application)

US 22338107 A 20070125; AT 07801404 T 20070125; DE 102006004307 A 20060131; DE 502007006180 T 20070125; EP 07801404 A 20070125; EP 2007000845 W 20070125; ES 07801404 T 20070125