

Title (en)

Device for controlling the cutting register in a rotary printer

Title (de)

Verfahren zur Schnittregisterregelung bei einer Rollenrotationsdruckmaschine

Title (fr)

Méthode pour contrôler le repérage d'une découpeuse dans une machine rotative d'impression

Publication

EP 1650147 A1 20060426 (DE)

Application

EP 05022978 A 20051021

Priority

DE 102004051633 A 20041023

Abstract (en)

The method is for the cut register control in a web-fed rotary printing press, whereby with the determining of the adjustment value (RI) of a cut register adjusting element allocated to a print material web, the latter adjustment value which is required to achieve a control difference (D) of zero between an actual value measurement (M) and predetermined set value (W) of the cut position is corrected in the press on the basis of a mathematical model for the error contribution of a portion of the path of the print material web not determined through the actual value measurement so that the error contribution is at least approximately compensated for.

IPC 8 full level

B65H 18/26 (2006.01)

CPC (source: EP US)

B65H 23/1886 (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2801/21** (2013.01 - EP US)

Citation (search report)

- [DA] DE 19936291 A1 20010301 - WIFAG MASCHF [CH]
- [A] DE 19910835 C1 20000907 - INNOMESS ELEKTRONIK GMBH [DE]
- [A] US 2003084765 A1 20030508 - ELKOTBI CHERIF [FR], et al
- [A] DE 10307202 A1 20040909 - KOENIG & BAUER AG [DE]
- [A] US 4452140 A 19840605 - ISHERWOOD JEFFREY [GB], et al

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

EP 1650147 A1 20060426; **EP 1650147 B1 20110525**; DE 102004051633 A1 20060518; US 2006102027 A1 20060518; US 7496426 B2 20090224

DOCDB simple family (application)

EP 05022978 A 20051021; DE 102004051633 A 20041023; US 25555705 A 20051021