Title (en)

Method and device for controlling the cutting register of a rotary printing machine

Title (de)

Verfahren und Vorrrichtung zum Regeln des Schnittregisters einer Rollenrotationsdruckmaschine

Title (fr)

Méthode et dispositif pour contrôler le répérage de découpe d'une imprimante rotative

Publication

EP 1505024 A3 20100120 (DE)

Application

EP 04018322 A 20040803

Priority

DE 10335888 A 20030806

Abstract (en)

[origin: EP1505024A2] Detection of image information or measurement marks occurs directly before or at a cutting cylinder (K 4). From the measured value, the cutting registration error is determined and from the error, the position of the cutting cylinder is controlled. An independent claim is included for the corresponding equipment.

IPC 8 full level

B65H 23/188 (2006.01); **B41F 13/00** (2006.01)

CPC (source: EP US)

B41F 13/025 (2013.01 - EP US); **B65H 23/1882** (2013.01 - EP US); B65H 2511/112 (2013.01 - EP US); B65H 2515/31 (2013.01 - EP US); B65H 2801/21 (2013.01 - EP US); Y10T 83/04 (2015.04 - EP US); Y10T 83/041 (2015.04 - EP US); Y10T 83/159 (2015.04 - EP US)

C-Set (source: EP US)

1. B65H 2511/112 + B65H 2220/02
2. B65H 2515/31 + B65H 2220/01 + B65H 2220/03

Citation (search report)

- [X] GB 2272402 A 19940518 - HEIDELBERGER DRUCKMASCH AG [DE]
- [X] GB 2271318 A 19940413 - HEIDELBERGER DRUCKMASCH AG [DE]
- [X] EP 0950519 A1 19991020 - ASEA BROWN BOVERI [CH]

Cited by

EP1562724B1

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

EP 1505024 A2 20050209; **EP 1505024 A3 20100120**; CN 100415510 C 20080903; CN 1607088 A 20050420; DE 10335888 A1 20050317; DE 10335888 B4 20080313; US 2005034578 A1 20050217; US 2008148981 A1 20080626; US 8181556 B2 20120522

DOCDB simple family (application)

EP 04018322 A 20040803; CN 200410098189 A 20040806; DE 10335888 A 20030806; US 112807 A 20071210; US 91324704 A 20040806