

Title (en)

Device for correcting the lateral position of a printed material web in a rotary printing machine

Title (de)

Vorrichtung zur Korrektur der lateralen Position einer Bedruckstoffbahn in einer Rollenrotationsdruckmaschine

Title (fr)

Dispositif pour corriger la position latérale d'une bande de matériau imprimé dans une machine à imprimer rotative

Publication

EP 1127826 A3 20020925 (DE)

Application

EP 00125255 A 20001124

Priority

DE 19960649 A 19991216

Abstract (en)

[origin: DE19960649A1] A correction roller (10) is arranged after a drying section of the rotary printing machine. The printed web is suspended on air jets. The guide surfaces (26,28) are arranged w.r.t the web direction so that the motion of the correction roller is along a circular path with a larger radius than the length of the correction roller. A piezoelectric force sensor detects the force with which roller members (22,24) contact the guide surfaces (26,28).

IPC 1-7

B65H 27/00; **B65H 23/02**; **B65H 23/038**

IPC 8 full level

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CPC (source: EP US)

B65H 23/038 (2013.01 - EP US); **B65H 2404/14212** (2013.01 - EP US)

Citation (search report)

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- [YA] US 5387962 A 19950207 - CASTELLI VITTORIO [US], et al
- [XA] DE 3915056 A1 19901115 - KOENIG & BAUER AG [DE]
- [A] DE 4224236 A1 19930519 - TOKYO KIKAI SEISAKUSHO LTD [JP]

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DE102007003727B4; CN112897164A; DE102007003727A1

Designated contracting state (EPC)

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US 2003010236 A1 20030116; **US 6584900 B2 20030701**; AT E270648 T1 20040715; DE 19960649 A1 20010628; DE 19960649 B4 20110622; DE 50007015 D1 20040812; EP 1127826 A2 20010829; EP 1127826 A3 20020925; EP 1127826 B1 20040707; JP 2001205779 A 20010731

DOCDB simple family (application)

US 73860000 A 20001216; AT 00125255 T 20001124; DE 19960649 A 19991216; DE 50007015 T 20001124; EP 00125255 A 20001124; JP 2000378823 A 20001213