

Title (en)

Device for laterally guiding a running material web

Title (de)

Vorrichtung zur seitlichen Führung einer laufenden Materialbahn

Title (fr)

Dispositif pour le guidage latéral d'une bande matériau en cours de défilement

Publication

**EP 0716998 A3 19961204 (DE)**

Application

**EP 95119113 A 19951205**

Priority

DE 4444228 A 19941213

Abstract (en)

[origin: EP0716998A2] The material is fed over a pair of parallel rollers (5,7) on a swivel mounting (8) about an axis (6) to one side of the system. A first alignment sensor (1) is positioned near the output roller, in the forward feed setting, and furthest away from the swivel axis. A second sensor (2) is mounted further down the feed direction and operates for the reverse feed direction. The reverse feed control has the alignment sensor mechanically coupled to the swivel control - either directly or by virtual coupling. Alternately the sensor and the swivel control positions are monitored electronically.

IPC 1-7

**B65H 23/038**

IPC 8 full level

**B65H 23/02** (2006.01); **B65H 23/038** (2006.01)

CPC (source: EP)

**B65H 23/0204** (2013.01); **B65H 23/038** (2013.01); **B65H 2301/31124** (2013.01); **B65H 2301/443243** (2013.01); **B65H 2557/262** (2013.01)

Citation (search report)

- [A] US 4958111 A 19900918 - GAGO NOEL J [US]
- [A] US 3682362 A 19720808 - OTT ROBERT W JR
- [A] US 3411683 A 19681119 - BARTLES EDWARD C, et al
- [A] EP 0018223 A1 19801029 - BALDWIN TECHNOLOGY CORP [US]
- [DA] SORSEN S L: "BASIC TECHNIQUES FOR CONTROLLING WEB POSITION", AUTOMATION, vol. 13, no. 4, 1 April 1966 (1966-04-01), pages 105 - 110, XP000562946

Cited by

DE102016203462A1; DE102016203463A1; DE202016100802U1; WO2017148553A1; WO2017148554A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0716998 A2 19960619**; **EP 0716998 A3 19961204**; **EP 0716998 B1 19991103**; DE 4444228 A1 19960620; DE 4444228 C2 19971218; DE 59507180 D1 19991209

DOCDB simple family (application)

**EP 95119113 A 19951205**; DE 4444228 A 19941213; DE 59507180 T 19951205