

## Title (en)

Device and method for guiding a laterally stable web

## Title (de)

Vorrichtung und Verfahren zum Führen einer querstabilen Warenbahn

## Title (fr)

Dispositif et méthode pour guider une bande latéralement stable

## Publication

**EP 1650150 A3 20060503 (DE)**

## Application

**EP 05024169 A 20000929**

## Priority

- EP 00121212 A 20000929
- DE 19954654 A 19991113
- DE 10001816 A 20000118

## Abstract (en)

[origin: EP1099655A2] The arrangement has several rollers that can be pressed against the material, are independently rotated, can be placed on the material approximately centrally, can be displaced transversely to the direction of material motion, are pivotably mounted and are opposite a support consisting of pivotably mounted counter rollers movable transversely to the strip movement direction. The material is clamped between the rollers and counter rollers. The arrangement has several axially aligned rollers (3) that can be pressed against the material (2), are independently rotated, can be placed on the material approximately centrally, can be displaced transversely to the direction of motion of the strip material, are pivotably mounted and are opposite a support (13) for the material strip consisting of several pivotably mounted counter rollers (4) movable transversely to the strip movement direction (7). The material strip is clamped between the rollers and counter rollers. Independent claims are also included for the following: a method of transporting a transversely stable material strip.

## IPC 8 full level

**B65H 20/02** (2006.01); **B65H 23/038** (2006.01); **B65H 23/26** (2006.01); **B65H 35/02** (2006.01)

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**B65H 20/02** (2013.01 - EP US); **B65H 23/038** (2013.01 - EP US); **B65H 23/26** (2013.01 - EP US); **B65H 35/02** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2301/4189** (2013.01 - EP US); **B65H 2301/44318** (2013.01 - EP US); **B65H 2404/1122** (2013.01 - EP US); **B65H 2404/133** (2013.01 - EP US); **B65H 2404/1421** (2013.01 - EP US); **B65H 2404/14212** (2013.01 - EP US); **B65H 2404/1442** (2013.01 - EP US); **B65H 2553/42** (2013.01 - EP US); **B65H 2555/10** (2013.01 - EP US); **B65H 2701/1762** (2013.01 - EP US)

## Citation (search report)

- [Y] US 3147898 A 19640908 - HUCK WILLIAM F
- [Y] US 4140574 A 19790220 - JUSTUS EDGAR J
- [Y] US 4726501 A 19880223 - WILEY THOMAS W [US]
- [Y] EP 0697361 A1 19960221 - CENTRAL GLASS CO LTD [JP], et al
- [Y] WO 9711814 A1 19970403 - ENFOPLAN OY [FI], et al
- [Y] DE 4219670 C1 19930701
- [A] EP 0510324 A1 19921028 - CEM SPA [IT]
- [A] PATENT ABSTRACTS OF JAPAN vol. 010, no. 126 (M - 477) 10 May 1986 (1986-05-10)

## Cited by

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**EP 1099655 A2 20010516**; **EP 1099655 A3 20030319**; **EP 1099655 B1 20051221**; AT E313508 T1 20060115; AT E458687 T1 20100315; CA 2325323 A1 20010513; CA 2325323 C 20050614; DE 10001816 C1 20010621; DE 50011901 D1 20060126; DE 50015875 D1 20100408; EP 1650150 A2 20060426; EP 1650150 A3 20060503; EP 1650150 B1 20100224; ES 2254094 T3 20060616; JP 2001163492 A 20010619; JP 3442735 B2 20030902; US 6450381 B1 20020917

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