

Title (en)

Device for influencing a moving web of material

Title (de)

Vorrichtung zum Beeinflussen einer laufenden Warenbahn

Title (fr)

Dispositif destiné à influencer une bande de matériau en mouvement

Publication

**EP 2641858 A2 20130925 (DE)**

Application

**EP 13001397 A 20130319**

Priority

DE 102012005439 A 20120320

Abstract (en)

The device (1) has an adjustable roller (4) deflecting the goods path. The roller is adjustable around two degrees of freedom and stands in active connection with two actuators (17) such that each of the degrees of freedom is associated with one of the actuators. The roller is held in a guide (7). One of the actuators is a linearly adjustable drive. A goods path regulator (13) stands in active connection with the roller. A path edge sensor (10) is provided to detect the position of a path edge (9) of the goods path.

Abstract (de)

Eine Vorrichtung (1) dient zum Beeinflussen einer laufenden Warenbahn (2). Die Vorrichtung (1) weist hierzu mindestens eine verstellbare, die Warenbahn (2) umlenkende Walze (4) auf. Zur Verbesserung der Bahnlaufeigenschaften der Warenbahn (2) ist die mindestens eine Walze (4) um mindestens zwei Freiheitsgrade verstellbar. Die mindestens eine Walze (4) steht außerdem mit mindestens zwei Aktoren (17) derart in Wirkverbindung, dass jedem der Freiheitsgrade mindestens einer der Aktoren (17) zugeordnet ist.

IPC 8 full level

**B65H 23/02** (2006.01); **B65H 23/038** (2006.01); **B65H 23/04** (2006.01)

CPC (source: EP KR US)

**B65H 23/025** (2013.01 - KR); **B65H 23/038** (2013.01 - EP US); **B65H 23/044** (2013.01 - US); **B65H 23/048** (2013.01 - EP US); **B65H 26/04** (2013.01 - KR); **B65H 2511/216** (2013.01 - EP US); **B65H 2511/23** (2013.01 - EP US); **B65H 2557/24** (2013.01 - EP US); **B65H 2557/266** (2013.01 - EP US)

Citation (applicant)

- DE 10022926 C2 20020411 - ERHARDT & LEIMER GMBH [DE]
- DE 1206297 B 19651202 - VOITH GMBH J M
- DE 69528224 T2 20030807 - EASTMAN KODAK CO [US]
- DE 1198162 B 19650805 - GPE CONTROLS INC
- DE 3019001 A1 19801218 - ASTIN FRANCE ASSISTANCE TECH

Cited by

CN107804738A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2641858 A2 20130925**; **EP 2641858 A3 20141029**; **EP 2641858 B1 20170705**; CN 103318676 A 20130925; CN 103318676 B 20160622; DE 102012005439 A1 20130926; JP 2013193882 A 20130930; JP 5583235 B2 20140903; KR 101403096 B1 20140603; KR 20130106791 A 20130930; TW 201339077 A 20131001; TW I473755 B 20150221; US 2013248634 A1 20130926; US 9821976 B2 20171121

DOCDB simple family (application)

**EP 13001397 A 20130319**; CN 201310089138 A 20130320; DE 102012005439 A 20120320; JP 2013056688 A 20130319; KR 20130029423 A 20130319; TW 102109841 A 20130320; US 201313801639 A 20130313