

Title (en)

Method for depositing belt material in zig-zag belts

Title (de)

Verfahren zum Ablegen von Bandmaterial in Zick-Zack-Bahnen

Title (fr)

Procédé de pose de matériau en bande dans des voies en zigzag

Publication

EP 2206670 A1 20100714 (DE)

Application

EP 10157545 A 20070228

Priority

- EP 07004113 A 20070228
- DE 102006010069 A 20060304

Abstract (en)

The device for depositing continuously fed ribbon material (M) in zigzag strips has a holding-down device (3) arranged on a pendulum arm (1). The pendulum arm is pivotably mounted around a basically horizontal axis, and the holding-down device is arranged on the end of the pendulum arm furthest from the axis. The holding-down device has an arc-shaped surface (6) which glides over the ribbon material of the zigzag strip which is deposited last. An independent claim is included for a method for depositing ribbon material within a rectangular surface in zigzag strips, wherein the reversal point of a newly deposited layer is located further inwards of the rectangular surface than the reversal point of the layer arranged directly below.

Abstract (de)

Die Erfindung betrifft ein Verfahren zum Ablegen von Bandmaterial (M) innerhalb einer Rechteckfläche in Zick-Zack-Bahnen in mehreren übereinander liegenden Lagen (E). Im Hinblick auf eine kompakte Ablage des Bandmaterials (M) wird vorgeschlagen, dass sich mindestens ein Umkehrpunkt (5) einer neu gelegten Lage weiter einwärts der Rechteckfläche befindet, als der Umkehrpunkt (5) der direkt unterhalb angeordneten Lage.

IPC 8 full level

B65H 45/107 (2006.01); **B31B 50/32** (2017.01); **B65H 54/76** (2006.01)

CPC (source: EP US)

B65H 45/107 (2013.01 - EP US); **B65H 54/76** (2013.01 - EP US); **B65H 54/78** (2013.01 - EP US)

Citation (applicant)

WO 9818706 A1 19980507 - KORTEC GMBH [DE], et al

Citation (search report)

- [X] DE 3422352 A1 19851219 - LANDGREN STIG AXEL
- [X] JP H01176784 A 19890713 - SUMINOE TEXTILE, et al
- [X] JP S4915774 A 19740212
- [X] JP S5936070 A 19840228 - YOKOHAMA RUBBER CO LTD
- [XY] WO 0000420 A1 20000106 - BENTLE PRODUCTS AG [CH], et al
- [Y] DE 2417206 A1 19751106 - KABEL METALLWERKE GHH

Designated contracting state (EPC)

CH DE FR GB IT LI

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1829807 A2 20070905; **EP 1829807 A3 20071017**; **EP 1829807 B1 20101124**; CN 101041403 A 20070926; CN 101041403 B 20110615; DE 102006010069 A1 20070906; DE 502007005719 D1 20110105; EP 2206670 A1 20100714; JP 2007238329 A 20070920; JP 5215573 B2 20130619; US 2007207908 A1 20070906; US 2009163341 A1 20090625; US 7517308 B2 20090414

DOCDB simple family (application)

EP 07004113 A 20070228; CN 200710100659 A 20070302; DE 102006010069 A 20060304; DE 502007005719 T 20070228; EP 10157545 A 20070228; JP 2007054460 A 20070305; US 39745609 A 20090304; US 68123107 A 20070302