

Title (en)

DEVICE FOR SEPARATING BAND STRIPS OF A LONGITUDINALLY DIVIDED BAND, PARTICULARLY A METAL BAND

Title (de)

VORRICHTUNG ZUM SEPARIEREN VON BANDSTREIFEN EINES LÄNGSGETEILTEN BANDES, INSBESONDERE EINES METALLBANDES

Title (fr)

DISPOSITIF POUR SÉPARER DES BANDES D'UNE BANDE REFENDUE, EN PARTICULIER D'UNE BANDE MÉTALLIQUE

Publication

EP 2442926 A2 20120425 (DE)

Application

EP 10732322 A 20100616

Priority

- EP 2010058436 W 20100616
- DE 102009025133 A 20090617

Abstract (en)

[origin: WO2010146073A2] The invention relates to a separating shaft (1) for separating band strips (2) of a longitudinally divided band. Two diagonally opposed transport carriages (8, 9) that can travel in guide grooves (5, 6) parallel to the axis (7-7') of the separating shaft (1) by means of a drive, each having a gripper (10) that can travel into and out of the separating shaft (1) for capturing a separating disc (3) transported on the separating shaft with the transport carriages (8, 9) to a position prescribed by a cutting program and for releasing the positioned separating disc, and two pneumatic clamping bars (11, 12) for clamping the positioned separating discs (3) on the separating shaft (1) and offset 90° from the transport carriages (8, 9), are integrated in the separating shaft (1).

IPC 8 full level

B21D 43/28 (2006.01)

CPC (source: EP US)

B21D 43/287 (2013.01 - EP US); **Y10T 83/162** (2015.04 - EP US)

Citation (search report)

See references of WO 2010146073A2

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010146073 A2 20101223; **WO 2010146073 A3 20110217**; CN 102458710 A 20120516; CN 102458710 B 20141126; DE 102009025133 B3 20101230; EP 2442926 A2 20120425; EP 2442926 B1 20140702; ES 2498767 T3 20140925; RU 2011154482 A 20130727; RU 2555285 C2 20150710; US 2012152074 A1 20120621; US 9333551 B2 20160510

DOCDB simple family (application)

EP 2010058436 W 20100616; CN 201080027328 A 20100616; DE 102009025133 A 20090617; EP 10732322 A 20100616; ES 10732322 T 20100616; RU 2011154482 A 20100616; US 201013378855 A 20100616