

Title (en)

Method for processing board or belt materials and device

Title (de)

Verfahren zum Bearbeiten von Tafel- oder Bandmaterialien sowie Vorrichtung

Title (fr)

Procédé de traitement de matériaux en tableaux ou en bandes et dispositif

Publication

**EP 2489619 A1 20120822 (DE)**

Application

**EP 11154739 A 20110216**

Priority

EP 11154739 A 20110216

Abstract (en)

The method involves guiding a board or strip material (104) around two guide rollers to deform the board or strip material in a region (108). A guide roller unit of guide rollers is connected to upstream with respect to the transport direction (106) of material. Another guide roller unit of guide rollers is connected to downstream with respect to the transport direction of material. The material is pushed between guide rollers and guide roller units along transport direction. The surface (114) of the deformed region is processed by processing unit (116). An independent claim is included for device for processing of board or strip materials.

Abstract (de)

Die vorliegende Erfindung schafft ein Verfahren zum Bearbeiten von Tafel- oder Bandmaterialien (104), mit folgenden Schritten: Führen eines Tafel- oder Bandmaterials (104) um wenigstens eine Umlenkwalze (102), um dadurch das Tafel- oder Bandmaterial (104) in einem Bereich (108) desselben elastisch zu verformen; und Bearbeiten einer Oberfläche (114) des elastisch verformten Bereichs (108) des Tafel- oder Bandmaterials (104) mittels wenigstens einer Bearbeitungseinheit (116).

IPC 8 full level

**B65H 23/26** (2006.01)

CPC (source: EP)

**B65H 23/26** (2013.01); **B65H 2301/522** (2013.01); **B65H 2404/1421** (2013.01); **B65H 2601/31** (2013.01)

Citation (search report)

- [XA] EP 0762810 A1 19970312 - FUJI PHOTO FILM CO LTD [JP]
- [XA] US 5115839 A 19920526 - SPEICH FRANCISCO [CH]
- [A] DE 19506465 A1 19960829 - BOEWE SYSTEC AG [DE]
- [A] DE 2534622 A1 19770210 - ACHENBACH BUSCHHUETTEN GMBH
- [A] US 3474292 A 19691021 - CARTER ELBERT P
- [XA] US 5881939 A 19990316 - KIKUCHI KOICHI [JP], et al
- [XA] US 2821387 A 19580128 - FAEHER HARRY W
- [A] US 5921453 A 19990713 - SUZUKI KUNIO [JP]
- [A] US 5315461 A 19940524 - TODD CHRISTIAN A [US]

Cited by

EP3392029A1; US11148896B2; WO2018192916A1

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 2489619 A1 20120822**

DOCDB simple family (application)

**EP 11154739 A 20110216**