

Title (en)

METHOD OF INCREASING THE CONTROL PRECISION OF THE PATH OF A PRODUCT IN A LEVELLING MACHINE WITH INTERLOCKING ROLLERS, AND LEVELLING INSTALLATION USED TO IMPLEMENT SAME

Title (de)

VERFAHREN ZUR ERHÖHUNG DER STEUERGENAUIGKEIT DES WEGES EINES PRODUKTS IN EINER RICHTMASCHINE MIT INEINANDERGREIFENDEN WALZEN UND ZUR DURCHFÜHRUNG DESSELBEN VERWENDETE RICHTANLAGE

Title (fr)

PROCEDE D'AUGMENTATION DE LA PRECISION DU CONTROLE DE LA TRAJECTOIRE DU PRODUIT DANS UNE MACHINE A PLANER A ROULEAUX IMBRIQUES ET INSTALLATION DE PLANAGE PERMETTANT LA MISE EN OEUVRE DU PROCEDE

Publication

**EP 1673181 B1 20071121 (FR)**

Application

**EP 04787476 A 20040928**

Priority

- FR 2004002457 W 20040928
- FR 0312012 A 20031013

Abstract (en)

[origin: FR2860738A1] The method involves measuring a value of gap between flattening rollers (4) directly and comparing the measurement to a reference value. Jacks (3) are positioned for adjusting nesting of the rollers for maintaining the measured value equal to the reference value. A product path to be flattened is maintained at interior of a flattening machine based on undulation provided by a flattening model (110). An independent claim is also included for a flattening equipment.

IPC 8 full level

**B21D 1/02** (2006.01)

CPC (source: EP US)

**B21D 1/02** (2013.01 - EP US)

Cited by

DE102017124027A1; EP2712687A1; DE102012217493A1; CN102825106A; CN102228914A; DE102017124027B4; WO2019076886A1; US11596989B2; US9205476B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2860738 A1 20050415; FR 2860738 B1 20060203**; BR PI0414749 A 20061121; BR PI0414749 B1 20170321; CN 100364681 C 20080130; CN 1856374 A 20061101; DE 602004010293 D1 20080103; DE 602004010293 T2 20080821; EP 1673181 A1 20060628; EP 1673181 B1 20071121; ES 2295935 T3 20080416; JP 2007508148 A 20070405; US 2007055393 A1 20070308; US 7475581 B2 20090113; WO 2005046899 A1 20050526

DOCDB simple family (application)

**FR 0312012 A 20031013**; BR PI0414749 A 20040928; CN 200480027870 A 20040928; DE 602004010293 T 20040928; EP 04787476 A 20040928; ES 04787476 T 20040928; FR 2004002457 W 20040928; JP 2006530403 A 20040928; US 57470104 A 20040928