

Title (en)

METHOD FOR CORRECTING AN INCLINED POSITION OF A PRODUCT EXITING A GAP OF TWO FOLDING ROLLERS OF A LONGITUDINAL FOLDING MACHINE AND SAID LONGITUDINAL FOLDING MACHINE

Title (de)

VERFAHREN ZUR KORREKTUR EINER SCHRÄGLAGE EINES AUS EINEM FALZWALZENSPALT ZWEIER FALZWALZEN EINES LÄNGSFALZAPPARATES AUSTRETENDEN PRODUKTES UND LÄNGSFALZAPPARAT

Title (fr)

PROCÉDÉ DESTINÉ À LA CORRECTION D'UNE POSITION INCLINÉE D'UN PRODUIT SORTANT D'UN ESPACE SÉPARANT DEUX CYLINDRES DE PLIAGE D'UNE PLIEUSE LONGITUDINALE ET PLIEUSE LONGITUDINALE

Publication

**EP 2411313 B1 20210113 (DE)**

Application

**EP 09801215 A 20091223**

Priority

- EP 2009067830 W 20091223
- DE 102009001956 A 20090327
- DE 102009003240 A 20090519

Abstract (en)

[origin: DE102009003235B3] The method involves detecting a leading edge of an incoming product in a transport path of a fold table (2) at a measuring point. A relative phasing at an earlier time point in or to an area lying nearer to an entry side of the incoming product is varied due to detection of the edge of the product at a measurement point. A declination of length of the product is corrected by a braking element e.g. braking brush, arranged on both sides of a folding gap (6), where the braking element is changeable independent of each other in distance to the fold table or to an upper side of the fold table. An independent claim is also included for a longitudinal folding machine comprising a chopper blade.

IPC 8 full level

**B31B 50/10** (2017.01); **B65H 45/18** (2006.01); **B65H 9/14** (2006.01); **B65H 43/08** (2006.01)

CPC (source: EP US)

**B65H 9/14** (2013.01 - EP US); **B65H 43/08** (2013.01 - EP US); **B65H 45/18** (2013.01 - EP US); **B65H 2301/331** (2013.01 - EP US);  
**B65H 2404/561** (2013.01 - EP US); **B65H 2511/514** (2013.01 - EP US); **B65H 2513/51** (2013.01 - EP US); **B65H 2701/1311** (2013.01 - EP US)

Designated contracting state (EPC)

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)

**DE 102009003235 B3 20100708**; CN 102365220 A 20120229; CN 102365220 B 20150603; CN 102365223 A 20120229;  
CN 102365223 B 20150715; CN 102365224 A 20120229; CN 102365224 B 20140625; DE 102009003237 A1 20101007;  
DE 102009003240 A1 20101007; DE 102009003240 B4 20210128; EP 2411309 A1 20120201; EP 2411309 B1 20151111;  
EP 2411312 A1 20120201; EP 2411312 B1 20180822; EP 2411313 A1 20120201; EP 2411313 B1 20210113; US 2012035032 A1 20120209;  
US 2012035040 A1 20120209; US 8251882 B2 20120828; US 8323162 B2 20121204; WO 2010108559 A1 20100930;  
WO 2010108560 A1 20100930; WO 2010108561 A1 20100930

DOCDB simple family (application)

**DE 102009003235 A 20090519**; CN 200980158337 A 20091223; CN 200980158397 A 20091223; CN 200980158398 A 20091223;  
DE 102009003237 A 20090519; DE 102009003240 A 20090519; EP 09801213 A 20091223; EP 09801214 A 20091223;  
EP 09801215 A 20091223; EP 2009067820 W 20091223; EP 2009067828 W 20091223; EP 2009067830 W 20091223;  
US 200913138723 A 20091223; US 200913138724 A 20091223