

Title (en)

DRIVE MECHANISM FOR A DEVICE FOR LAYING A FIBROUS MATERIAL WEB IN A LEPORELLO FOLD

Title (de)

ANTRIEBSMECHANISMUS FÜR EINE VORRICHTUNG ZUM LEGEN EINER FASERMATERIALBAHN IN EINE LEPORELLOFALTUNG

Title (fr)

MÉCANISME D'ENTRAÎNEMENT POUR UN DISPOSITIF PERMETTANT DE PLIER UNE BANDE DE MATIÈRE FIBREUSE EN ACCORDÉON

Publication

EP 2605988 B1 20210106 (DE)

Application

EP 11735392 A 20110720

Priority

- DE 102011011659 A 20110218
- DE 102010034838 A 20100819
- EP 2011003645 W 20110720

Abstract (en)

[origin: WO2012022412A1] The invention relates to a drive mechanism (1) for a device for laying, in particular an unfolded fibrous material web, in particular a paper web or a corrugated material web, such as a corrugated cardboard web, in a Leporello fold (3), comprising a pair of opposing rollers (5, 7) which are pivotably mounted and which form a passage gap (13) for the fibrous material web and which can be rotated in particular for conveying said fibrous material web through the passage gap, and a drive for pivoting the roller pairs. When pivoted, an outlet dispensing direction defined by the passage gap swings back and forth preferably vertically (V) such that a device (17) swinging back and forth for guiding the fibrous material web to the Leporello fold is arranged downstream of the conveyance stream flow to the passage gap.

IPC 8 full level

B65H 45/107 (2006.01); **B65H 45/20** (2006.01)

CPC (source: EP)

B65H 45/107 (2013.01); **B65H 2701/177** (2013.01)

Citation (examination)

- JP 2002173264 A 20020621 - ISHIKAWAJIMA SANGYO KIKAI KK
- US 4846454 A 19890711 - PARKANDER GOETHE A C [SE]
- US 2643878 A 19530630 - JOHN LACH
- DE 1943323 A1 19710304 - KRANTZ H FA
- DE 1943323 A1 19710304 - KRANTZ H FA
- JP 2002173264 A 20020621 - ISHIKAWAJIMA SANGYO KIKAI KK
- US 4846454 A 19890711 - PARKANDER GOETHE A C [SE]
- US 2643878 A 19530630 - JOHN LACH

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

DOCDB simple family (publication)

DE 102011011659 A1 20120223; DK 2605988 T3 20210412; EP 2605988 A1 20130626; EP 2605988 B1 20210106; ES 2861098 T3 20211005; HU E054127 T2 20210830; PL 2605988 T3 20211025; WO 2012022412 A1 20120223

DOCDB simple family (application)

DE 102011011659 A 20110218; DK 11735392 T 20110720; EP 11735392 A 20110720; EP 2011003645 W 20110720; ES 11735392 T 20110720; HU E11735392 A 20110720; PL 11735392 T 20110720