

Title (en)

DEVICE AND METHOD FOR CORRECTING A FLEXIBLE MATERIAL WEB GUIDED TO A PROCESSING MACHINE

Title (de)

VORRICHTUNG UND VERFAHREN ZUR KORREKTUR EINER ZUR VERARBEITUNGSMASCHINE GEFÜHRTEN FLEXIBLEN MATERIALBAHN

Title (fr)

DISPOSITIF ET PROCÉDÉ POUR RECTIFIER UNE BANDE DE MATIÈRE SOUPLE CONDUITE VERS LA MACHINE DE TRAITEMENT

Publication

EP 1494948 A1 20050112 (DE)

Application

EP 03746234 A 20030411

Priority

- DE 0301217 W 20030411
- DE 10216419 A 20020412

Abstract (en)

[origin: WO03086924A1] The invention relates to a device and a method for correcting a flexible material web (1) which is guided to a processing machine, the lower side of the material web incorrectly facing upwards. Said error is the result of a twist or two ends of a material web which are incorrectly connected. In order to correct the error, the material web (1) is rotated at least once about its longitudinal axis, in such a way that the lower side thereof returns to its correct downward-facing position and the correct upper side of the material web reaches the processing machine. The aim of the invention is to be able to correct a flexible material web which is guided in a faulty manner to a processing machine, to avoid the creation of waste on the half-finished product, and to avoid downtime of the processing machine. To this end, a rotatable pair of cylinders (2) is provided, said pair of cylinders causing a correcting rotation of the material web (1) about its longitudinal axis in such a way that the lower side of the material web returns to its correct downward-facing position.

IPC 1-7

B65H 23/32

IPC 8 full level

B65H 23/32 (2006.01); **B65H 26/02** (2006.01); **B65H 19/18** (2006.01)

CPC (source: EP US)

B65H 19/18 (2013.01 - EP US); **B65H 23/32** (2013.01 - EP US); **B65H 26/025** (2013.01 - EP US); **B65H 2301/33212** (2013.01 - EP US); **B65H 2404/14212** (2013.01 - EP US); **B65H 2511/52** (2013.01 - EP US); **B65H 2553/42** (2013.01 - EP US); **B65H 2555/24** (2013.01 - EP US); **B65H 2701/11231** (2013.01 - EP US); **B65H 2701/37** (2013.01 - EP US)

Citation (search report)

See references of WO 03086924A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03086924 A1 20031023; **WO 03086924 B1 20040212**; AT E325769 T1 20060615; CA 2482128 A1 20031021; CA 2482128 C 20070626; DE 10216419 A1 20031030; DE 10216419 B4 20060713; DE 50303294 D1 20060614; DK 1494948 T3 20060911; EP 1494948 A1 20050112; EP 1494948 B1 20060510; ES 2263010 T3 20061201; US 2005224548 A1 20051013; US 7328568 B2 20080212

DOCDB simple family (application)

DE 0301217 W 20030411; AT 03746234 T 20030411; CA 2482128 A 20030411; DE 10216419 A 20020412; DE 50303294 T 20030411; DK 03746234 T 20030411; EP 03746234 A 20030411; ES 03746234 T 20030411; US 51042004 A 20041006