Title (en)

Method and device for processing a sheet of material

Title (de)

Verfahren und Vorrichtung zum Bearbeiten einer Materialbahn

Title (fr)

Procédé et dispositif destinés au traitement d'une bande de matériau

Publication

EP 2556931 B1 20150422 (DE)

Application

EP 12005206 A 20120714

Priority

DE 102011110038 A 20110812

Abstract (en)

[origin: EP2556931A1] The method involves moving pliable material web (28) of paper having individual sections (40) by first double slide linear motor (4) and second double slide linear motor (8) connected in parallel state, to material movement direction (12). The portion (34) of web on driver (22) of first motor is separated by using cutting tool (42), and the severed portion is transported away by second carriage of second motor. Before separation of the portion of material web, the material web is gripped by driver of first carriage of second motor. The length of a portion of corresponding region of web along the material movement direction is drawn by driver of first double slide linear motor, such that the portion of web on driver of second carriage (20) of second double slide linear motor is passed. An independent claim is included for device for process pliable material web.

IPC 8 full level

B26D 1/04 (2006.01); **B26D 1/09** (2006.01); **B65H 35/06** (2006.01); B26D 7/00 (2006.01)

CPC (source: EP US)

B26D 1/045 (2013.01 - EP US); **B26D 1/095** (2013.01 - EP US); **B65H 29/003** (2013.01 - EP US); **B65H 29/10** (2013.01 - EP US); **B65H 35/06** (2013.01 - EP US); B26D 2007/0043 (2013.01 - EP US); B65H 2301/321 (2013.01 - EP US); B65H 2403/55 (2013.01 - EP US); B65H 2405/52 (2013.01 - EP US); B65H 2405/572 (2013.01 - EP US); B65H 2555/10 (2013.01 - EP US); Y10T 83/0448 (2015.04 - EP US); Y10T 83/2092 (2015.04 - EP US)

Cited by

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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 102011110038 B3 20121206; CN 102950874 A 20130306; CN 102950874 B 20161123; EP 2556931 A1 20130213; EP 2556931 B1 20150422; US 2013036883 A1 20130214; US 9469042 B2 20161018

DOCDB simple family (application)

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