

Title (en)
DEVICE AND METHOD FOR FOLDING DOWN AND SEALING PROTRUDING FLAPS UPON WRAPPING A PALLETIZED LOAD WITH A FILM

Title (de)
VORRICHTUNG UND VERFAHREN ZUM UMFALTEN UND VERSCHWEISSEN VON FOLIENÜBERSTÄNDEN BEIM UMHÜLLEN VON GESTAPELTEN GÜTERN MIT EINER FOLIE

Title (fr)
PROCÉDÉ ET DISPOSITIF POUR ABAISSER ET SCELLER DÉPASSEMENTS DE FEUILLE LORS DE L' ENVELOPPEMENT D'UNE CHARGE PALETTISÉE

Publication
EP 2989010 A1 20160302 (DE)

Application
EP 14725967 A 20140423

Priority
• DE 102013207360 A 20130423
• EP 2014058243 W 20140423

Abstract (en)
[origin: WO2014173953A1] The invention relates to a device for folding over and welding upper-side film overhangs during the wrapping of stacked goods, in particular of goods which are stacked on pallets, with a film made from plastic, having • - a frame (1) consisting of at least two stands (2) which are connected to one another by way of crossmembers above the maximum stack height, • - an industrial conveying device (3) for transporting the goods which leads through the stands of the frame, • - a rectangular frame (6) which can be moved up and down over the height of the stacked goods on the frame (1) for folding over and welding upper-side film overhangs of the vertical film encapsulation onto the stack upper side, • - between which two or more prestressed cables (11, 12) of constant length are deflected in such a way that they form a rectangle which lies horizontally in the frame, wherein the cables are rigidly fastened with both ends to the frame which can be moved up and down, and • - which cables can be moved transversely and longitudinally with respect to the industrial conveying direction, with the result that the shape and size of the rectangle which is formed by the cables is variable.

IPC 8 full level
B65B 11/58 (2006.01); **B65B 13/14** (2006.01); **B65B 13/18** (2006.01); **B65B 35/44** (2006.01); **B65B 49/08** (2006.01); **B65B 51/14** (2006.01); **B65B 53/00** (2006.01)

CPC (source: EP)
B65B 11/585 (2013.01); **B65B 13/14** (2013.01); **B65B 13/185** (2013.01); **B65B 35/44** (2013.01); **B65B 49/08** (2013.01); **B65B 51/14** (2013.01); **B65B 53/00** (2013.01)

Citation (search report)
See references of WO 2014173953A1

Cited by
CN107310764A; CN111872259A

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102013207360 A1 20141023; EP 2989010 A1 20160302; EP 2989010 B1 20170628; WO 2014173953 A1 20141030

DOCDB simple family (application)
DE 102013207360 A 20130423; EP 14725967 A 20140423; EP 2014058243 W 20140423