

Title (en)

FOLDED BOX GLUING MACHINE FOR PRODUCING FOLDED BOXES FROM BLANKS

Title (de)

FALTSCHACHTELKLEBEMASCHINE ZUR HERSTELLUNG VON FALTSCHACHTELN AUS ZUSCHNITTEN

Title (fr)

ENCOLLEUSE POUR BOITES PLIANTES POUR LA PRODUCTION DE BOITES PLIANTES A PARTIR DE DECOUPES

Publication

**EP 1218168 A1 20020703 (DE)**

Application

**EP 00967628 A 20000825**

Priority

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Abstract (en)

[origin: US6971979B1] Known folded box gluing machines for producing folded boxes ( 1 ) from blanks comprise-a folding station ( 3 ), in which the parts of blanks provided with an adhesive strip are folded,-an adjoining transfer station ( 5 ) which is configured as a transport device and has at least two conveyer belt pairs, each consisting of an upper and a lower belt ( 7, 8 ) and a device for ejecting defective boxes ( 11 ) and-a collection and pressing device ( 6 ), in which the flat folded boxes are pressed together, in order for the adhesive to bind. In order to eject wide boxes ( 11 ) from the machine, which have been identified as defective, the ejection device comprises the following elements:-at least one blade ( 12 ) which cuts in the direction of transport and which is mounted at the beginning of the transfer station ( 5 ) between the two conveyer belt pairs ( 7, 8 ), in such way that it can be lowered into and withdrawn from the direction of transport of the boxes ( 11 ), and a device adjacent to each longitudinal side of the transfer station ( 5 ) for laterally removing the box side sections ( 11.1, 11.3 ) from the machine, which have been separated during the longitudinal cut.

IPC 1-7

**B31B 1/74**; **B65H 29/62**

IPC 8 full level

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