

Title (en)
A box erecting device

Title (de)
Vorrichtung zum Aufrichten von Schachteln

Title (fr)
Dispositif pour former des boîtes

Publication
EP 1609585 A1 20051228 (EN)

Application
EP 05425444 A 20050620

Priority
IT BO20040388 A 20040621

Abstract (en)
The device (4) for erecting boxes (2) from flat blanks (3) made of card comprises: a mandrel that moves vertically in a first defined vertical direction (D1); guides (55) for folding portions (3a) of the blank (3) in such a way as to shape the boxes (2), said folding guides (55) engaging the blank (3) when it comes into contact with the mandrel; a plurality of heads (12) for joining the corners (13) of the boxes (2) being erected, by applying lengths (14) of heat adhesive tape, each of the heads (12) comprising a device (16) for feeding the tape, a blade (56) for cutting the tape, a heating element (27) and a pressure shoe (28) over which the tape runs and which is designed to hold the tape length (14) in contact with the respective box (2) corner (13) to be connected. <IMAGE> <IMAGE>

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B31B 3/46; **B31B 3/00**; **B65D 5/20**; **B31B 3/72**

IPC 8 full level
B31B 3/00 (2006.01); **B31B 3/46** (2006.01); **B31B 3/72** (2006.01); **B65D 5/20** (2006.01)

CPC (source: EP US)
B31B 50/00 (2017.07 - EP); **B31B 50/30** (2017.07 - EP US); **B31B 50/46** (2017.07 - EP); **B31B 50/60** (2017.07 - EP); **B31B 50/724** (2017.07 - EP)

Citation (search report)
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