

Title (en)

Machine for packaging articles inside boxes made from blanks

Title (de)

Maschine zum Verpacken von Gegenständen in aus Zuschnitten hergestellten Schachteln

Title (fr)

Machine pour emballer des objets dans des boîtes fabriquées à partir d'un flan

Publication

EP 1008517 A1 20000614 (EN)

Application

EP 99122800 A 19991116

Priority

IT BO980637 A 19981116

Abstract (en)

A machine for packaging articles (2) inside boxes (4) made from blanks (3), having a plurality of longitudinal (3a) and transversal (3b) scores and a plurality of cuts (3c) defining front (8a) and rear (8b) wings and lateral flaps (9), essentially comprises: a magazine (5) of these blanks (3); at least a mechanical handling means (10) supported in a pivoting way by a carriage (7) and movable between the magazine (5) and the exit station (6) from a picking up condition (P), in which the mechanical handling means (10) picks up a blank (3), and a forming condition (F), in which the mechanical handling means (10) folds each blank (3) along the longitudinal scores (3a) by means of pivoting erecting members (14) connected to the mechanical hand means (10) that besides folds the rear wings (8b) inwards by means of rotating means (20); a closing station (30) provided with fixed folding means (35), fit to fold backwards the front wings (8a) in correspondence of a feeding condition (I) of said blank (3) in the closing station (30), of at least a gluing group (60) fit to supply glue onto the front (8a) and rear (8b) wings, and lower (40) and upper (50) folding means fit to tilt respectively the lateral flaps (9) onto the front (8a) and rear (8b) wings in such a way to close the box (4). <IMAGE>

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B65B 5/02

IPC 8 full level

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CPC (source: EP)

B65B 5/024 (2013.01)

Citation (search report)

- [A] GB 2240315 A 19910731 - FREEMANTLE PACKAGING MACHINERY [GB]
- [A] WO 8900132 A1 19890112 - VISY BOARD CO PTY [AU]

Cited by

EP1958875A1; EP1958876A1; US7543425B2

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