

Title (en)

MACHINE FOR GLUING FOLDING CARTONS FOR PRODUCING FOLDING CARTONS FROM BLANKS

Title (de)

FALTSCHACHTELKLEBEMASCHINE ZUR HERSTELLUNG VON FALTSCHACHTELN AUS ZUSCHNITTEN

Title (fr)

MACHINE A COLLER LES BOITES PLIANTES POUR LA PRODUCTION DE BOITES PLIANTES A PARTIR DE DECOUPES

Publication

EP 1001877 B1 20040915 (DE)

Application

EP 99927821 A 19990601

Priority

- DE 19824982 A 19980604
- DE 19828819 A 19980627
- EP 9903784 W 19990601

Abstract (en)

[origin: WO9962700A1] Known machines for gluing folding cartons for the production of folding cartons from blanks have devices for transporting the blanks through the machine which comprise lower conveying belts (7) and upper conveying belts (14), the lower conveying belts (7) being mounted on a roller cheek (8) which can be transversally moved by a drive and the upper conveying belts (14) being mounted on a transversally mobile roller track. The invention provides for an endless rope or band-like element, preferably a wire rope (21), to be arranged in the machine such that it is able to move freely in its longitudinal direction and forms two strands, so that a loop (21) below the conveying plane of the blanks extends cross-wise across the width of the machine and a second loop (22) which is parallel to the first loop (21) above the machine extends cross-wise across the width of the machine. The roller cheek (8) is fixedly joined to one strand of the lower loop (21) and the roller track (15) can be clamped to the other strand of the upper loop (22). In this way the roller track (15) is entrained during a transverse movement of the roller cheek (8).

IPC 1-7

B31B 1/04; **B65H 29/12**

IPC 8 full level

B31B 1/04 (2006.01); **B31B 50/04** (2017.01); **B65H 29/12** (2006.01)

CPC (source: EP US)

B65H 29/12 (2013.01 - EP US); **B31B 50/022** (2017.07 - EP US); **B31B 50/042** (2017.07 - EP US); **B65H 2511/12** (2013.01 - EP US); **B65H 2701/1766** (2013.01 - EP US)

Cited by

CN108502497A; EP2826618A2; DE102022105319A1

Designated contracting state (EPC)

CH DE ES IT LI

DOCDB simple family (publication)

WO 9962700 A1 19991209; DE 19828819 A1 19991209; DE 59910508 D1 20041021; EP 1001877 A1 20000524; EP 1001877 B1 20040915; ES 2228058 T3 20050401; JP 2002516772 A 20020611; JP 4235364 B2 20090311; US 6419079 B1 20020716

DOCDB simple family (application)

EP 9903784 W 19990601; DE 19828819 A 19980627; DE 59910508 T 19990601; EP 99927821 A 19990601; ES 99927821 T 19990601; JP 2000551941 A 19990601; US 46364900 A 20000124