

Title (en)

APPARATUS FOR REPOSITIONING CARTON FLAPS

Title (de)

VORRICHTUNG ZUM REPOSITIONIEREN VON SCHACHTELKLAPPEN

Title (fr)

APPAREIL DE REPOSITIONNEMENT DES RABATS DES CARTONS

Publication

EP 1015316 B1 20020403 (EN)

Application

EP 98944880 A 19980921

Priority

- GB 9719947 A 19970919
- US 9819648 W 19980921

Abstract (en)

[origin: WO9914124A1] An apparatus (10) is arranged to reposition substantially front and rear facing flaps (12 and 14) on a carton (16) which is transported along a feed path (18). The apparatus comprises one or more lugs (22) arranged to move around a predetermined locus and is operable such that the or a lug is periodically positioned in the feed path (18) in front of a carton (16) causing the carton (16) to contact the lug (22) and reposition the front flap (12) on the carton (16). The apparatus (10) is further operable periodically to increase the velocity of the lug or lugs (22) so as to bring the or a lug into contact with the rear of the carton (16) thus repositioning the rear flap (14) thereon.

IPC 1-7

B65B 21/24; **B65B 61/24**

IPC 8 full level

B65B 61/24 (2006.01); **B65B 43/42** (2006.01)

CPC (source: EP KR)

B65B 21/24 (2013.01 - KR); **B65B 61/24** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

WO 9914124 A1 19990325; AT E215466 T1 20020415; AU 735524 B2 20010712; AU 9232098 A 19990405; CA 2303955 A1 19990325; CA 2303955 C 20050726; CN 1086666 C 20020626; CN 1278770 A 20010103; DE 69804642 D1 20020508; DE 69804642 T2 20021017; DK 1015316 T3 20020708; EP 1015316 A1 20000705; EP 1015316 B1 20020403; ES 2175773 T3 20021116; GB 9719947 D0 19971119; HK 1029316 A1 20010330; HU P0100473 A2 20010628; IL 135146 A0 20010520; JP 2001516680 A 20011002; KR 100705119 B1 20070409; KR 20010030628 A 20010416; PT 1015316 E 20020930; ZA 988591 B 19990323

DOCDB simple family (application)

US 9819648 W 19980921; AT 98944880 T 19980921; AU 9232098 A 19980921; CA 2303955 A 19980921; CN 98811144 A 19980921; DE 69804642 T 19980921; DK 98944880 T 19980921; EP 98944880 A 19980921; ES 98944880 T 19980921; GB 9719947 A 19970919; HK 00108569 A 20001229; HU P0100473 A 19980921; IL 13514698 A 19980921; JP 2000511687 A 19980921; KR 20007002904 A 20000318; PT 98944880 T 19980921; ZA 988591 A 19980918