

Title (en)

ARTICLE ALIGNING APPARATUS AND METHOD THEREFOR

Title (de)

VORRICHTUNG UND VERFAHREN ZUM AUSRICHTEN VON GEGENSTÄNDEN

Title (fr)

APPAREIL D'ALIGNEMENT D'ARTICLES ET PROCEDE ASSOCIE

Publication

**EP 1198400 B1 20040225 (EN)**

Application

**EP 00944954 A 20000628**

Priority

- GB 9915080 A 19990628
- GB 9925141 A 19991025
- US 0017781 W 20000628

Abstract (en)

[origin: WO0100511A2] An apparatus and a method therefor for continuously positioning an article, for example a carton blank delivered from one feed stream relative to a second article, for example an insert blank delivered from a second feed stream comprising one or more sensors to detect the respective positions of the first and second portions upstream of where the streams converge, correction means to correct the position of the second article relative to the first article, and a controller to determine the amount of adjustment required and to control the correction means accordingly.

IPC 1-7

**B65G 47/14**

IPC 8 full level

**B31B 3/02** (2006.01); **B31B 1/74** (2006.01); **B31B 50/02** (2017.01); **B65G 47/14** (2006.01)

CPC (source: EP US)

**B31B 50/00** (2017.07 - EP); **B31B 50/006** (2017.07 - EP US); **B31B 50/002** (2017.07 - EP); **B31B 50/042** (2017.07 - EP); **B31B 50/044** (2017.07 - EP); **B31B 50/046** (2017.07 - EP); **B31B 50/104** (2017.07 - EP); **B31B 50/81** (2017.07 - EP); **B31B 2105/00** (2017.07 - EP); **B31B 2110/35** (2017.07 - EP); **B31B 2120/25** (2017.07 - EP)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 0100511 A2 20010104**; **WO 0100511 A3 20010517**; AR 024588 A1 20021016; AT E260213 T1 20040315; AU 5896800 A 20010131; CA 2377151 A1 20010104; CA 2377151 C 20050913; DE 60008534 D1 20040401; DE 60008534 T2 20041216; EP 1198400 A2 20020424; EP 1198400 B1 20040225; ES 2215686 T3 20041016; GB 9915080 D0 19990825; GB 9925141 D0 19991222; JP 2003529459 A 20031007; MX PA01013321 A 20020709; MY 123525 A 20060531

DOCDB simple family (application)

**US 0017781 W 20000628**; AR P000103235 A 20000628; AT 00944954 T 20000628; AU 5896800 A 20000628; CA 2377151 A 20000628; DE 60008534 T 20000628; EP 00944954 A 20000628; ES 00944954 T 20000628; GB 9915080 A 19990628; GB 9925141 A 19991025; JP 2001506933 A 20000628; MX PA01013321 A 20000628; MY PI20002925 A 20000628