

Title (en)

DEVICE AND METHOD FOR APPLYING LABELS TO PRODUCTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUFBRINGEN VON ETIKETTEN AUF GEGENSTÄNDE

Title (fr)

DISPOSITIF ET PROCEDE POUR APPLIQUER DES ETIQUETTES SUR DES PRODUITS

Publication

EP 1183186 A1 20020306 (EN)

Application

EP 00935920 A 20000512

Priority

- US 0012968 W 20000512
- US 31887599 A 19990526

Abstract (en)

[origin: WO0073152A1] A positionally based label application system includes a plurality of sensors (234, 236, 244) which detect the pitch (234) between the products to be labeled as well as the location (236) of those products. A supply web (216) bearing labels (238, 239) is caused to pass over a peel tip (220) which feeds the labels into a nip point (226). This allows the labels to be precisely matched with products traveling at a very high rate of speed. The positional system (232) determines a desired ratio of movement between the supply web and the product being conveyed, this ratio being based upon the detected pitch. In this manner, the supply web is allowed to move continuously, but at a slower speed than the products being conveyed, but still precisely matches labels to products.

IPC 1-7

B65C 9/18; **B65C 9/42**

IPC 8 full level

B65C 9/18 (2006.01); **B65C 9/30** (2006.01); **B65C 9/42** (2006.01)

CPC (source: EP)

B65C 9/1869 (2013.01); **B65C 9/30** (2013.01); **B65C 9/42** (2013.01)

Citation (search report)

See references of WO 0073152A1

Cited by

CN113173309A; CN105819048A

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 0073152 A1 20001207; AU 5130600 A 20001218; CA 2377763 A1 20001207; CA 2377763 C 20090210; EP 1183186 A1 20020306; HK 1045485 A1 20021129

DOCDB simple family (application)

US 0012968 W 20000512; AU 5130600 A 20000512; CA 2377763 A 20000512; EP 00935920 A 20000512; HK 02106574 A 20020906