

Title (en)

Methods for positioning slider devices onto reclosable packages, and articles made thereby

Title (de)

Verfahren zur Befestigung eines Schiebers an einer wiederverschliessbaren Verpackung und die so hergestellten Gegenstände

Title (fr)

Procédé pour monter un curseur sur un emballage refermable et les articles ainsi produits

Publication

**EP 1110876 A1 20010627 (EN)**

Application

**EP 00127287 A 20001219**

Priority

- US 17273499 P 19991220
- US 71047100 A 20001110

Abstract (en)

A continuous supply of aligned slider devices (56) is provided by removably mounting slider devices on an elongate, flexible continuous carrier tape (60). The slider devices are mounted onto the carrier tape by adhesive or mechanical means, including a depression in the carrier tape adapted to hold the slider device. Further, the carrier tape can include a ratcheting structure such as a plurality of apertures, teeth, or the like, which can be used to position the carrier tape as desired. The carrier tape having the slider devices thereon can be wound on a core to provide a spool (55). The supply of slider devices on the carrier tape supplies slider devices to a slider applicator station (15) that mounts the slider devices onto a zipper closure construction. <IMAGE>

IPC 1-7

**B65D 73/02**

IPC 8 full level

**B31B 19/90** (2006.01); **B65D 73/02** (2006.01); **B65H 75/18** (2006.01)

CPC (source: EP)

**B65D 73/02** (2013.01); **B65H 75/18** (2013.01); **B31B 70/8131** (2017.07); **B65H 2701/1942** (2013.01); **B65H 2801/69** (2013.01)

Citation (applicant)

- US 4240241 A 19801223 - SANBORN PHILIP A JR [US]
- US 4246288 A 19810120 - SANBORN JR PHILIP A
- US 4437293 A 19840320 - SANBORN JR PHILIP A [US]
- US 5063644 A 19911112 - HERRINGTON F JOHN [US], et al
- US 5301394 A 19940412 - RICHARDSON DALE S [US], et al
- US 5442837 A 19950822 - MORGAN KEVIN P [US]
- US 5664229 A 19970902 - BHARGAVA VIKRAM [US], et al
- US 98365215 A
- US 991086 F
- US 2221 P

Citation (search report)

- [X] US 5301394 A 19940412 - RICHARDSON DALE S [US], et al
- [DA] US 5431760 A 19950711 - DONOVAN TERRY J [US]

Cited by

EP1334942A1; WO2009051978A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1110876 A1 20010627**; **EP 1110876 B1 20030507**; DE 60002547 D1 20030612; DE 60002547 T2 20031120

DOCDB simple family (application)

**EP 00127287 A 20001219**; DE 60002547 T 20001219