

Title (en)

Apparatus for manufacturing and filling flexible packages having slide fasteners

Title (de)

Apparat zur Herstellung und zum Füllen einer Schachtel mit Reißverschluss

Title (fr)

Appareil de fabrication et de remplissage de sachets ayant une fermeture à glissière

Publication

EP 1348535 A3 20050504 (EN)

Application

EP 03251589 A 20030314

Priority

US 9974102 A 20020315

Abstract (en)

[origin: EP1348535A2] Horizontal form fill seal apparatus (300) for making flexible packages with slide fasteners (30) is provided. A fastener track (26, 28) is applied in-line with a plastic web (306) and is bonded thereto at the same time that a peel seal is formed. All package components are brought together for filling through the slide fasteners. <IMAGE>

IPC 1-7

B31B 19/90; **B65D 33/25**

IPC 8 full level

B65B 61/18 (2006.01); **B65D 33/25** (2006.01); **B65B 9/08** (2006.01)

CPC (source: EP US)

B65B 61/188 (2013.01 - EP US); **B65D 33/2541** (2013.01 - EP US); **B65B 9/08** (2013.01 - EP US)

Citation (search report)

- [Y] CA 2314576 A1 20010129 - KRAFT FOODS INC [US]
- [Y] EP 1099636 A2 20010516 - REYNOLDS CONSUMER PROD [US]
- [A] WO 0132521 A1 20010510 - SARGENTO FOODS INC [US], et al
- [A] US 5769772 A 19980623 - WILEY JAY M [US]
- [A] US 6354738 B1 20020312 - BUCKMAN THOMAS W [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1348535 A2 20031001; **EP 1348535 A3 20050504**; CA 2421999 A1 20030915; US 2003172622 A1 20030918

DOCDB simple family (application)

EP 03251589 A 20030314; CA 2421999 A 20030313; US 9974102 A 20020315