

Title (en)

Slide-zippered reclosable packages

Title (de)

Wiederverschliessbare Verpackungen mit Reissverschluss und Gleitkörper

Title (fr)

Emballage refermable avec glissière et curseur

Publication

EP 1400446 A3 20050323 (EN)

Application

EP 03254795 A 20030731

Priority

US 21704802 A 20020812

Abstract (en)

[origin: US2002184858A1] Methods of making slide-zippered reclosable packages are provided. In one embodiment, a pair of opposing film extensions are provided on each package between which a zipper and slider are attached. In another embodiment, sliders are inserted on to zippered packages output from a form-fill-seal machine or the like. In yet another embodiment, during package formation a reclosable zipper is sealed to each package and then a slider is inserted on to the zipper. In yet another embodiment, during package formation a reclosable zipper is sealed to each package and a slider is inserted on to each zipper, either before or after zipper sealing. In a still further embodiment, a first flange of the zipper sealed adjacent to a machine direction center line of the package film, the film is folded about said machine direction center line to form a fold and a second flange of the zipper is sealed to the folded over portion of the film.

IPC 1-7

B65B 9/02; B65B 9/04; B65B 9/06; B65B 9/08; B65B 61/18; A44B 19/62; B31B 1/90

IPC 8 full level

B31B 1/90 (2006.01); **B31B 19/90** (2006.01); **B65B 9/04** (2006.01); **B65B 9/08** (2012.01); **B65B 61/18** (2006.01)

CPC (source: EP US)

B65B 9/04 (2013.01 - EP US); **B65B 9/08** (2013.01 - EP US); **B65B 9/093** (2013.01 - EP US); **B65B 61/188** (2013.01 - EP US); **B31B 50/81** (2017.08 - EP US); **B31B 70/8132** (2017.08 - EP US)

Citation (search report)

- [X] US 6138439 A 20001031 - MCMAHON MICHAEL J [US], et al
- [X] US 2001039783 A1 20011115 - MCMAHON MICHAEL J [US], et al
- [X] US 2001039784 A1 20011115 - MCMAHON MICHAEL J [US], et al
- [X] US 2001042357 A1 20011122 - MCMAHON MICHAEL J [US], et al
- [X] US 2001042358 A1 20011122 - MCMAHON MICHAEL J [US], et al
- [X] US 2001045083 A1 20011129 - MCMAHON MICHAEL J [US], et al
- [X] US 5956924 A 19990928 - THIEMAN RONALD G [US]

Cited by

EP2399845B1

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)

US 2002184858 A1 20021212; EP 1400446 A2 20040324; EP 1400446 A3 20050323

DOCDB simple family (application)

US 21704802 A 20020812; EP 03254795 A 20030731