Title (en)

String zipper designs for slider-operated reclosable packaging

Title (de)

Reissverschlussausführungen für wiederverschliessbare Verpackungen

Title (fr)

Arrangements de fermeture eclair pour des emballages refermables

Publication

EP 1661817 A3 20070801 (EN)

Application

EP 05257131 A 20051118

Priority

US 99810804 A 20041124

Abstract (en)

[origin: US2005084183A1] A reclosable package comprising a receptacle having a mouth, a string zipper joined to the receptacle at the mouth, the string zipper comprising first and second mutually interlockable zipper strips, and a slider mounted over the string zipper to cause the first and second zipper strips to separate when the slider is moved in one direction along the string zipper and to cause the first and second zipper strips to interengage each other when the slider is moved in an opposite direction along the string zipper. In one exemplary embodiment, the first flangeless zipper strip comprises two monohook elements, and the second flangeless zipper strip also comprises two monohook elements. In another exemplary embodiment, the first flangeless zipper strip comprises one monohook element and one double hook element, while the second flangeless zipper strip comprises three monohook elements.

IPC 8 full level

B65D 33/25 (2006.01)

CPC (source: EP US)

B65D 33/2508 (2013.01 - EP US); **B65D 33/2541** (2013.01 - EP US); **B65D 33/25865** (2020.05 - EP US); Y10T 24/2534 (2015.01 - EP US)

Citation (search report)

- [X] US 6220754 B1 20010424 - STIGLIC JEFFREY S [US], et al
- [X] US 2004190798 A1 20040930 - AUSNIT STEVEN [US]
- [A] US 6575628 B1 20030610 - BORCHARDT MICHAEL G [US], et al

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

US 2005084183 A1 20050421; EP 1661817 A2 20060531; EP 1661817 A3 20070801

DOCDB simple family (application)

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