

Title (en)

Zip closure system

Title (de)

Reißverschlussystem

Title (fr)

Système de fermeture à glissière

Publication

EP 2384660 A3 20120815 (EN)

Application

EP 11173869 A 20080318

Priority

- EP 08250942 A 20080318
- GB 0711636 A 20070615
- GB 0724100 A 20071210

Abstract (en)

[origin: EP2002744A1] In order to provide a zip closure system that is difficult for a thief to operate, the system comprises a first zip slider (40), capable of fastening and unfastening the teeth of a zip closure, and at least one of a second zip slider (41) and an end of a zip closure, the first zip slider (40) having a first handle (43) and the second zip slider (41) having a second handle (45), the handles (44,45) being configured so that when the first slider (40) is adjacent to the second slider (41), the first handle (43) overlies the second slider (41) and the second handle (45) overlies the first slider (40). The first and second handles (43,45) can be released by moving right or left. A range of products can be provided which operate according to the same principles, but in which the first movement, for example left or right, varies between different products of the range. The first (and, optionally, second) handle (43) may comprise at least one magnetic part for holding the handle adjacent a second magnetic part of the zip closure system. The zip closure can be secured without visible indication that it is locked.

IPC 8 full level

A44B 19/26 (2006.01); **A44B 19/30** (2006.01)

CPC (source: EP GB US)

A44B 19/26 (2013.01 - EP US); **A44B 19/262** (2013.01 - EP US); **A44B 19/301** (2013.01 - EP GB US); **A44B 19/306** (2013.01 - GB); **A44D 2203/00** (2013.01 - EP US); **Y10T 24/2509** (2015.01 - EP US); **Y10T 24/2532** (2015.01 - EP US)

Citation (search report)

- [X] EP 1752057 A2 20070214 - YKK CORP [JP]
- [X] US 2005109072 A1 20050526 - LING RENNY T [TW], et al
- [X] WO 03063635 A1 20030807 - YKK CORP [JP], et al
- [X] EP 1300094 A1 20030409 - YKK EUROP LTD [GB], et al
- [X] US 6026547 A 20000222 - O'DONNELL KIELY ALICE MARY [US]

Cited by

US11350707B2; EP3403521A1; US10716379B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 2002744 A1 20081217; CN 103005788 A 20130403; CN 103005789 A 20130403; CN 103005790 A 20130403; EP 2384658 A2 20111109; EP 2384658 A3 20120822; EP 2384659 A2 20111109; EP 2384659 A3 20120815; EP 2384660 A2 20111109; EP 2384660 A3 20120815; GB 0724100 D0 20080116; GB 2451302 A 20090128; GB 2451302 B 20121024; HK 1126363 A1 20090904; US 2009106951 A1 20090430

DOCDB simple family (application)

EP 08250942 A 20080318; CN 201210454076 A 20080509; CN 201210454478 A 20080509; CN 201210455292 A 20080509; EP 11173837 A 20080318; EP 11173857 A 20080318; EP 11173869 A 20080318; GB 0724100 A 20071210; HK 09105142 A 20090609; US 13974008 A 20080616