

Title (en)

Method for producing an electrically conductive zip fastener, and a zip fastener produced thereby

Title (de)

Verfahren zur Herstellung von einem elektrisch-leitfähigen Reissverschluss und ein dadurch hergestellter Reissverschluss

Title (fr)

Procédé pour fabriquer une fermeture à glissière conductrice et fermeture à glissière obtenue par le procédé

Publication

**EP 1741358 A1 20070110 (EN)**

Application

**EP 06113361 A 20060502**

Priority

IT MI20051277 A 20050706

Abstract (en)

A method for producing an electrically conductive zip fastener (1), the zip fastener (1) comprising a first toothed element (2) to cooperate with a second toothed element (3), a slider (5) movable between said elements (2, 3), said movement causing the teeth (4) of said elements to mutually engage in order to close the zip fastener (1) or, alternatively, to mutually disengage in order to open the zip fastener (1), said toothed elements (2, 3) being disposed along corresponding edges (11) of tapes (10) of textile material connected together at one of their ends. An electrically conductive thread is inserted into each of said tapes (10) during their weaving and each tape (10) is subjected to electrochemical deposition treatment, in order to render each toothed element conductive.

IPC 8 full level

**A44B 19/02** (2006.01); **A44B 19/34** (2006.01)

CPC (source: EP)

**A44B 19/02** (2013.01); **A44B 19/42** (2013.01); **H01R 13/03** (2013.01); **H01R 13/28** (2013.01)

Citation (search report)

- [X] EP 0541059 A1 19930512 - YOSHIDA KOGYO KK [JP]
- [X] EP 0615706 A1 19940921 - YOSHIDA KOGYO KK [JP]
- [X] GB 483305 A 19380414 - LOUIS HUNTINGTON MORIN
- [X] GB 2378054 A 20030129 - MOTOROLA INC [US]
- [X] EP 0048807 A1 19820407 - YOSHIDA KOGYO KK [JP]
- [A] EP 0376677 A2 19900704 - YOSHIDA KOGYO KK [JP]
- [A] FR 1581715 A 19690919

Cited by

CN106555213A; DE102011075455A1; DE102011075455B4; DE102017213448A1

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)

**EP 1741358 A1 20070110**; IT MI20051277 A1 20070107

DOCDB simple family (application)

**EP 06113361 A 20060502**; IT MI20051277 A 20050706