

Title (en)

CLOTHING AND ZIPPER THEREOF

Title (de)

KLEIDUNG UND REISSVERSCHLUSS DAVON

Title (fr)

VÊTEMENT ET FERMETURE À GLISSIÈRE ASSOCIÉE

Publication

**EP 3501323 A4 20190626 (EN)**

Application

**EP 17873691 A 20170419**

Priority

- CN 201621269524 U 20161123
- CN 2017080996 W 20170419

Abstract (en)

[origin: EP3501323A1] A zipper for clothes, comprising a slider (1) for engaging or disengaging zipper teeth. The slider (1) is provided with a through hole for a puller (4) to pass through; the puller (4) passes through the through hole and can rotate clockwise or counterclockwise with the slider (1) as an axis; the puller (4) is provided with a limiting portion (3) for preventing the puller from swaying left and right. The zipper can keep the puller stable on both left and right sides when the slider is hardly pulled upward or downward by the hand, thereby achieving a stable process of engaging and disengaging the zipper teeth and ensuring convenience in wearing clothes.

IPC 8 full level

**A44B 19/26** (2006.01)

CPC (source: EP US)

**A44B 19/262** (2013.01 - EP US)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2018094957A1

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3501323 A1 20190626; EP 3501323 A4 20190626; EP 3501323 B1 20201021;** CN 206273167 U 20170623; ES 2831094 T3 20210607; JP 2019524414 A 20190905; JP 6920437 B2 20210818; US 2020029657 A1 20200130; WO 2018094957 A1 20180531

DOCDB simple family (application)

**EP 17873691 A 20170419;** CN 201621269524 U 20161123; CN 2017080996 W 20170419; ES 17873691 T 20170419; JP 2019531505 A 20170419; US 201716335682 A 20170419