

Title (en)

METAL ONE PIECE SLIDE AND PULL FOR SLIDE FASTENER

Title (de)

EINTEILIGER METALLSCHIEBER UND ZUG FÜR REISSVERSCHLÜSSE

Title (fr)

CURSEUR MONOBLOC MÉTALLIQUE ET TIRETTE POUR FERMETURE À GLISSIÈRE

Publication

**EP 3843581 A1 20210707 (EN)**

Application

**EP 19779226 A 20190828**

Priority

- US 201816119508 A 20180831
- US 2019048476 W 20190828

Abstract (en)

[origin: WO2020047039A1] The invention involves a slide assembly (10) for a zipper. The slide assembly is formed in a single die cast operation to include the slide member (12) and the pull member (14) being formed simultaneously. Portions of the bridge (16) and pull member (14) are formed to provide a first side to side angle of pull when the pull member cooperates with the first end (18) of the bridge, and a second side to side angle of pull when the pull member cooperates with the second end (20) of the bridge.

IPC 8 full level

**A44B 19/26** (2006.01)

CPC (source: EP KR)

**A44B 19/26** (2013.01 - EP KR); **A44B 19/262** (2013.01 - EP KR)

Citation (search report)

See references of WO 2020047039A1

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)

**WO 2020047039 A1 20200305**; AU 2019329962 A1 20210429; CN 113329657 A 20210831; CO 2021003926 A2 20210730; EA 202190639 A1 20210610; EP 3843581 A1 20210707; JP 2021534913 A 20211216; KR 20210116420 A 20210927; MX 2021002353 A 20210531; PH 12021550405 A1 20211004

DOCDB simple family (application)

**US 2019048476 W 20190828**; AU 2019329962 A 20190828; CN 201980071562 A 20190828; CO 2021003926 A 20210329; EA 202190639 A 20190828; EP 19779226 A 20190828; JP 2021511555 A 20190828; KR 20217009550 A 20190828; MX 2021002353 A 20190828; PH 12021550405 A 20210226