

Title (en)  
SLIDER FOR SLIDE FASTENER, AND SLIDE FASTENER

Title (de)  
SCHIEBER FÜR REISSVERSCHLUSS UND REISSVERSCHLUSS

Title (fr)  
CURSEUR POUR FERMETURE À GLISSIÈRE, ET FERMETURE À GLISSIÈRE

Publication  
**EP 3677140 A4 20210407 (EN)**

Application  
**EP 17923024 A 20170901**

Priority  
JP 2017031608 W 20170901

Abstract (en)  
[origin: EP3677140A1] This slider for a slide fastener comprises a slider body (6) that engages and separates a pair of element rows (4L, 4L). The slider body comprises a pair of blades (7, 8), a column (9) that connects the pair of blades, and an element passage (12) passing through the slider body in the longitudinal direction. At least one of the blades comprises guide surfaces (72, 82) on the left and right sides in relation to the column, which is the front edge of the facing surface of the blade, the guide surfaces (72, 82) guiding the separated pair of element rows. The guide surfaces are inclined surfaces that are inclined in relation to the horizontal from the front edge of the facing surface toward the rear side of the element passage, so as to narrow the vertical gap between the pair of blades, and the guide surfaces comprise first, second, and third inclined parts (73, 74, 75, 83, 84, 85) that are adjacently arranged in order in the direction separating from the column to the left and right. The inclination angle of the second inclined part is an acute angle nearer to the horizontal surface than the first and third inclined parts, and the maximum value of the depth of the second inclined part is greater than that of the first and third inclined parts.

IPC 8 full level  
**A44B 19/26** (2006.01)

CPC (source: EP)  
**A44B 19/26** (2013.01)

Citation (search report)  
• [A] DE 202015103152 U1 20150727 - CHUNG CHWAN ENTPR CO [TW] & JP 3202594 U 20160212  
• [A] EP 2027789 A2 20090225 - YKK CORP [JP]  
• See references of WO 2019043912A1

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

DOCDB simple family (publication)  
**EP 3677140 A1 20200708; EP 3677140 A4 20210407; EP 3677140 B1 20230621**; CN 111093417 A 20200501; CN 111093417 B 20221025; TW 201912057 A 20190401; TW I651065 B 20190221; WO 2019043912 A1 20190307

DOCDB simple family (application)  
**EP 17923024 A 20170901**; CN 201780094568 A 20170901; JP 2017031608 W 20170901; TW 107101991 A 20180119