

Title (en)
SLIDE FASTENER

Title (de)
REISSVERSCHLUSS

Title (fr)
FERMETURE À GLISSIÈRE

Publication
EP 2382888 A4 20130626 (EN)

Application
EP 09838261 A 20090113

Priority
JP 2009050284 W 20090113

Abstract (en)
[origin: EP2382888A1] In a slide fastener in which engaging of a left-right direction in the slide fastener is performed by alternately engaging engagement neck portions (12N, 13N) and engagement head portions (12H, 13H) respectively formed in a pair of first and second element (12, 13) rows of left and right, and engaging of a front-back direction in the slide fastener is performed by alternately engaging back latch portions (12R, 13R) formed on front surface sides of the engagement head portions (12H, 13H) of the first and second element (12, 13) rows and front latch portions (12D, 13D) formed on sides and front surface sides in the engagement head portions (12H, 13H) or the engagement neck portions (12N, 13N), an extension length (12L) of the front latch portion (12D) in the first element (12) row is formed to be shorter than an extension length (13L) of the front latch portion (13D) in the second element (13) row. When performing engaging and disengaging of the first and second element (12, 13) rows, joining or separation from the front-back direction and the left-right direction is obliquely performed, and thus it is possible to increase a curvature of the left-right direction of the first and second element (12, 13) rows when performing engaging and disengaging. As a result, a gap between the first and second elements (12, 13) that are lined, respectively, is narrowed, and an occupied area of the elements in the engaging state increases, and thus an appearance of the front surface of the slide fastener can be aesthetically finished.

IPC 8 full level
A44B 19/06 (2006.01); **A44B 19/26** (2006.01)

CPC (source: EP)
A44B 19/06 (2013.01); **A44B 19/26** (2013.01)

Citation (search report)
• [AD] US 4236284 A 19801202 - KAMIYA MINORU & JP S6122961 B2 19860603
• See references of WO 2010082291A1

Cited by
JP2013233458A

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