

Title (en)  
Slide fastener

Title (de)  
Reissverschluss

Title (fr)  
Fermeture à glissière

Publication  
**EP 2614742 A1 20130717 (EN)**

Application  
**EP 13001893 A 20090113**

Priority  
• EP 13001893 A 20090113  
• EP 09838261 A 20090113  
• JP 2009050284 W 20090113

Abstract (en)  
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) extending from front surface sides of element body portions (12B, 13B), the first and second elements (12, 13) are engaged with each other along at least one line (X-X, XI-XI) which is parallel to a width direction of the slide fastener and passes through an engagement neck portion (12N, 13N) of a first element (12) or a second element (13).

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 (applicant)  
• WO 2005101974 A2 20051103 - ARTZIP LTD [IL], et al  
• JP S6122961 A 19860131 - CANON KK  
• JP S6240002 A 19870221 - MITSUBISHI ELECTRIC CORP

Citation (search report)  
• [A] US 3825978 A 19740730 - SAKALYS V  
• [AD] US 4236284 A 19801202 - KAMIYA MINORU & JP S6122961 B2 19860603

Cited by  
CN107865490A; CN105129494A

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DOCDB simple family (publication)  
**EP 2382888 A1 20111102; EP 2382888 A4 20130626; EP 2382888 B1 20140604**; CN 102281787 A 20111214; CN 102281787 B 20140312; EP 2614741 A1 20130717; EP 2614741 B1 20180103; EP 2614742 A1 20130717; EP 2614742 B1 20170906; TW 201026248 A 20100716; TW I375535 B 20121101; WO 2010082291 A1 20100722

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**EP 09838261 A 20090113**; CN 200980154412 A 20090113; EP 13001892 A 20090113; EP 13001893 A 20090113; JP 2009050284 W 20090113; TW 98119085 A 20090608