

Title (en)  
Slide fastener

Title (de)  
Reissverschluss

Title (fr)  
Fermeture à glissière

Publication  
**EP 2614741 A1 20130717 (EN)**

Application  
**EP 13001892 A 20090113**

Priority  
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• 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), front surface sides of the first element (12) row and the second element (13) row have a rectangular shape.

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

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DOCDB simple family (publication)  
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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