

Title (en)  
Waterproof slide fastener

Title (de)  
Wasserfester Reißverschluss

Title (fr)  
Fermeture à glissière résistant à l'eau

Publication  
**EP 1839513 A1 20071003 (EN)**

Application  
**EP 07251182 A 20070320**

Priority  
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Abstract (en)  
The invention provides a waterproof slide fastener (1) comprising: a pair of fastener stringers (2) in which a plurality of fastener elements (21) are arranged in line by molding integrally along opposing element attaching edge portions (11) of a pair of waterproof fastener tapes (10), in which a belt shaped core material (12) composed of a woven fabric, knitted fabric or unwoven fabric is covered with a waterproof layer (13); and a slider for engaging and disengaging the fastener elements (21), wherein the waterproof layer (13) is composed of a polyurethane elastomer and the fastener elements (21) are composed of a polymer alloy of polyurethane resin and ABS resin, thereby providing the waterproof slide fastener in which its fastener tape has an excellent adhesion characteristic to an attachment object such as the one covered with urethane coating, an excellent bending characteristic, and a high fixing strength between the fastener tape and a fastener element, the waterproof slide fastener further having an excellent engaging strength and water-tightness.

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Citation (search report)  
• [A] EP 1629740 A1 20060301 - HODER HAROLD [US], et al  
• [A] DE 4212209 A1 19931014 - MEIER REINHARD [DE]

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