

Title (en)  
A fluid-tight slide fastener

Title (de)  
Luft- und wasserdichter Reissverschluss

Title (fr)  
Fermeture à glissière étanche

Publication  
**EP 1908363 A1 20080409 (EN)**

Application  
**EP 06020820 A 20061004**

Priority  
EP 06020820 A 20061004

Abstract (en)  
Fluid-tight slide fastener (10) comprising a pair of tapes(12), each tape(12) having a layered structure comprising an inner reinforcing textile material layer (14)enveloped in a fluid barrier layer (16) made of a thermoplastic elastomer material (TPE), each tape (12)exhibiting a row (20) of aligned teeth (21) made of a thermoplastic material on at least a portion of one of the long sides (13a)thereof, the rows (20)of aligned teeth (21) of said pair of tapes (12)facing each other and being associated to top and bottom stops(24,26), and a slider (22) slidable between said top and bottom stops (24,26) for engaging in a fluid-tight way or disengaging said aligned teeth (21) respectively, characterized in that it further comprises an adhesive between the inner textile material layer and the outer fluid-barrier material layer of the tapes.

IPC 8 full level  
**A44B 19/32** (2006.01); **A44B 19/42** (2006.01)

CPC (source: EP)  
**A44B 19/32** (2013.01)

Citation (search report)  
• [XY] WO 02058500 A1 20020801 - ARDMEL AUTOMATION LTD [GB], et al  
• [X] US 4601085 A 19860722 - YOSHIDA HIROSHI [JP], et al  
• [X] EP 0111788 A2 19840627 - YOSHIDA KOGYO KK [JP]  
• [XY] US 2004237266 A1 20041202 - WANG SHIN-JEN [TW]  
• [Y] WO 0203825 A1 20020117 - RIRI SA [CH], et al  
• [Y] EP 0162350 A2 19851127 - YOSHIDA KOGYO KK [JP]  
• [A] US 2006101632 A1 20060518 - YANG SHIH SHENG [TW]

Cited by  
CN103501651A; US9237781B2; WO2012120602A1

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Designated extension state (EPC)  
AL BA HR MK RS

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