

Title (en)  
Guide rail for a sliding gate

Title (de)  
Laufschiene für ein Schiebetor

Title (fr)  
Rail de guidage pour un portail coulissant

Publication  
**EP 1013865 A3 20020123 (DE)**

Application  
**EP 99124601 A 19991210**

Priority  
• DE 19858557 A 19981218  
• DE 29911017 U 19990624

Abstract (en)  
[origin: EP1013865A2] The joint element (4), which has a gap (5) positioned alongside, is inserted into the ends of the two hollow profiles (2) to be joined. The profiles (1) are provided with rows of bores(7) for the insertion of tapping screws (13) with a diameter, slightly bigger than the width of the longitudinal gap (5). The gap (5) is spread apart by the insertion of the screws (13), causing the outer surface of the joint element (4) to move towards the inner surface of the hollow profile (2). The resulting tension is defined by the dimensions of the screw (13) in relation to those of the gap (5).

IPC 1-7  
**E05D 15/06**

IPC 8 full level  
**E04C 3/06** (2006.01); **E05D 15/06** (2006.01); **E06B 3/964** (2006.01); **E06B 3/972** (2006.01); **E06B 11/04** (2006.01); **E04C 3/04** (2006.01)

CPC (source: EP)  
**E04C 3/06** (2013.01); **E05D 15/0617** (2013.01); **E05D 15/0665** (2013.01); **E05D 15/0686** (2013.01); **E06B 3/9643** (2013.01); **E06B 3/972** (2013.01); **E06B 11/045** (2013.01); **E04C 2003/0413** (2013.01); **E04C 2003/0417** (2013.01); **E04C 2003/0439** (2013.01); **E04C 2003/0465** (2013.01); **E05Y 2201/684** (2013.01); **E05Y 2800/46** (2013.01); **E05Y 2900/402** (2013.01)

Citation (search report)  
• [XY] DE 7528036 U 19760102  
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• [Y] US 4002261 A 19770111 - LITCHFIELD LEON GEORGE  
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**EP 1013865 A2 20000628; EP 1013865 A3 20020123; EP 1013865 B1 20040107**; AT E257541 T1 20040115

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