

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)
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• [X] EP 0457286 A1 19911121 - HESPE & WOELM GMBH & CO KG [DE], et al
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