

Title (en)

Joint for connecting together two sections and system for forming a frame of a facade or a roof of a building using this joint

Title (de)

Verbindung für zwei Teile und System einer Fassaden- oder Dachstruktur mit dieser Verbindung

Title (fr)

Joint de connexion pour deux sections et structure de cadre pour facade ou toit utilisant ce joint

Publication

EP 1380701 A1 20040114 (EN)

Application

EP 03076979 A 20030626

Priority

IT MI20021546 A 20020712

Abstract (en)

Joint (1) for forming a T-connection between two sections (2,3) having a substantially quadrangular cross-section and both being provided with a chamber (4,5). The joint (1) can be inserted inside the chamber (5) of one (3) of said sections (2,3) and is formed by a body (6) comprising a front facing plate (7) provided with a guide hole (8) for a pin (9) provided with a stopping flange (10); the stopping flange (10) bears against the internal surface of said front plate (7). The pin (9) is slidable towards the outside of said front plate (7) and can be inserted inside a hole (11) of the other section (2). <??>The body (6) comprises a section portion (12) having a substantially quadrangular cross-section delimited by said front plate (7), by a rear plate (13) and by two side surfaces (14,15). <??>Moreover, the body (6) can be constrained inside said chamber (5) of one (3) of the two sections (2,3) by means of locking means (16) arranged outside said section portion (12). <??>The locking means (16) comprise a tongue (17) which forms, with one (15) of said side surfaces (14,15) of said body (6), a groove (19) inside which splaying means (18) can be inserted so as to move away said tongue (17) from said side surface (15) without deforming said portion (12) of the body (6). <IMAGE>

IPC 1-7

E04B 2/96

IPC 8 full level

E04B 2/96 (2006.01)

CPC (source: EP)

E04B 2/965 (2013.01)

Citation (search report)

- [A] EP 0436869 A2 19910717 - REYNOLDS ALUMINIUM DEUTSCHLAND [DE]
- [A] DE 3808587 C1 19890622
- [DA] US 4948290 A 19900814 - JANSSEN PIETER [DE], et al

Cited by

ITMC20090123A1; CN115110678A; DE102009026105B4

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