

Title (en)

Apparatus for angular connection of tubular section bars for the construction of window and door frames

Title (de)

Vorrichtung für die Eckverbindung von rohrförmigen Profilen für die Herstellung von Fenster- und Türrahmen

Title (fr)

Joint d'angle pour profilés tubulaires destinés à la construction de cadres de fenêtres et de portes

Publication

**EP 1621718 A1 20060201 (EN)**

Application

**EP 04254528 A 20040728**

Priority

EP 04254528 A 20040728

Abstract (en)

An apparatus (1;61) for angular connection, with selectively variable angular amplitude, of tubular section bars (2;62) for the construction of window and door frames, comprising: rigid connection members (3;63), which have corresponding first ends (4;64), interconnected and mutually articulated and corresponding second ends (5;65), able to be removably fastened to the section bars (2;62) to be connected. The first ends (4;64) bear rotoidal coupling surfaces (6,7;66,67, shaped complementarily, which are obtained in the body of the connection members (3;63). The coupling surfaces (6,7;66,67) are able to be mutually coupled and uncoupled with a relative motion of said connection members (3;63), performed parallel to an axis of articulation (8;68) of said first ends (4;64).

IPC 8 full level

**E06B 3/964** (2006.01)

CPC (source: EP)

**E06B 3/9644** (2013.01)

Citation (search report)

- [X] DE 3522028 A1 19870102 - BUG ALUTECHNIK [DE]
- [X] DE 8802109 U1 19880428

Cited by

CN102409937A; GB2619542A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1621718 A1 20060201**

DOCDB simple family (application)

**EP 04254528 A 20040728**