

Title (en)

Connection node for joining adjacent building parts.

Title (de)

Knotenpunktteil zur Verbindung einander benachbarter Bauteile.

Title (fr)

Noeud d'assemblage pour la jonction d'éléments de construction adjacents.

Publication

EP 0157124 A2 19851009 (DE)

Application

EP 85101342 A 19850208

Priority

DE 3405282 A 19840215

Abstract (en)

1. Junction part for the connecting of adjacent components (14; 25), said junction part having at least approximately a spherical shape and, at its poles and the regions between said poles, comprising elements (4, 4', 4'') provided with attachment surfaces for the components (14; 25) as well as openings (3, 3'; 11) penetrating said elements for the accepting of fixing screws (16), characterized in that the junction part is in the form of a one-piece structure (7), in that a multiplicity of strip-shaped sections (8, 9, 10) originates from each of the elements (4, 4') disposed at the two poles of said structure (7) which elements are provided with attachment surfaces, in that, viewed in cross section, said strip-shaped sections (8, 9, 10) are each polygonal in shape and re-unite at the element (e.g. 4'') of the opposite pole, said element being provided with an attachment surface, the planes of said strip-shaped sections (8, 9, 10) each forming an angle with one another, and in that openings (30) are provided between the strip-shaped sections (8, 9, 10) in the near-equatorial regions, said openings (30) permitting access to the interior (17) of the structure (7) and to the fixing screws (16) to be provided there.

Abstract (de)

Ein Knotenpunktteil (7) ist aus drei jeweils bandförmigen und abgewinkelten Bauteilen (8, 9, 10) zusammengesetzt. In diesen Bauteilen (8, 9, 10) befinden sich Bohrungen (11), durch die die Gewindeschäfte (18) von Befestigungsschrauben (16) hindurchzustecken sind, mittels deren dieses Knotenpunktteil (7) mit dem Ende (14) eines Stabes (15) zu verbinden ist. Das Knotenpunktteil (7) hat vier längliche Öffnungen (30), durch die ein Schraubenzieher zur Verdrehung der Schraube (16) durchgesteckt werden kann, wenn das der Schraube (16) gegenüberliegende Loch (11) bereits mit einem Stab oder dergleichen (15) belegt ist.

IPC 1-7

E04B 1/58; **E04B 1/19**

IPC 8 full level

E04B 1/19 (2006.01); **E04B 1/58** (2006.01)

CPC (source: EP)

E04B 1/1906 (2013.01); **E04B 2001/1933** (2013.01); **E04B 2001/196** (2013.01); **E04B 2001/1969** (2013.01)

Cited by

DE3909987A1; AT405067B; DE4126991A1; GB2251668A; GB2251668B; CN114319585A; DE202008004823U1; DE102008017449A1

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