

Title (en)

Joint connector for an open-framework structure, and such a structure equipped with such a connector.

Title (de)

Knotenpunktverbindung für räumliche Struktur und mit solch einem Knoten ausgerüstete räumliche Struktur.

Title (fr)

Noeud d'assemblage pour structure spatiale, et structure spatiale équipée d'un tel noeud.

Publication

EP 0017574 A1 19801015 (FR)

Application

EP 80400423 A 19800328

Priority

- FR 7908969 A 19790409
- FR 8001419 A 19800123

Abstract (en)

1. Joint connector for an open-framework structure, comprising a flat basic element (102 ; 102a, 102b) having a slot (f) orientated according to the longitudinal direction of this flat basic element, which is provided with attachment means, consisting particularly of holes (109) for bars of the open framework structure, the said flat basic element (102 ; 102a, 102b) being in a single piece on either side of the centre of the joint, without this piece being transversely cut, the said slot passing through the point of convergence of different forces which are exerted on the joint, and another flat basic element (113, 113a, 113b) engaged in an traversing this slot (f), the basic elements of the joint being joined to one another along the edges of the slot, characterized in that the said slot (f) is in manner known per se situated substantially halfway across the width of the flat basic element (102 ; 102a, 102b) and in that the other flat basic element (113 ; 113a, 113b) traversing the slot (f) comprises attachment means, consisting particularly of holes (114) for bars, these attachment means (114) being provided towards the two longitudinal ends of the second flat basic element (113 ; 113a, 113b) which is likewise in a single piece on either side of the centre of the joint without being transversely cut, while the attachment means (109) of the first flat basic element (102 ; 102a, 102b) are likewise provided towards the two longitudinal ends of this first flat element (102 ; 102a, 102b) in such a way that the transmission of stresses via the first flat element (102 ; 102a, 102b) on either side of the centre of the joint is carried out parallel with the longitudinal direction of the slot (f), the first admission or width (e) of this slot (f) being oriented transversely to the direction of transmission of the stresses.

Abstract (fr)

Le noeud d'assemblage est constitué par des éléments plats réunis entre eux; au moins un premier élément plat (102) comporte une fente (f) située à mi-largeur, ladite fente étant orientée suivant la direction longitudinale (L) de l'élément plat, et au moins un deuxième élément plat (113) est engagé dans cette fente et la traverse. Ce deuxième élément plat (113) comporte des moyens formés par des trous (114) pour permettre d'attacher des barres de part et d'autre au premier élément plat (102), les différents éléments étant réunis entre eux, notamment le long des bords de la fente.

IPC 1-7

E04B 1/19; **F16B 7/00**

IPC 8 full level

E04B 1/19 (2006.01)

CPC (source: EP)

E04B 1/1903 (2013.01); **E04B 2001/1918** (2013.01); **E04B 2001/193** (2013.01); **E04B 2001/1936** (2013.01); **E04B 2001/1957** (2013.01); **E04B 2001/1963** (2013.01)

Citation (search report)

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