

Title (en)

JOINT CONNECTOR FOR AN OPEN-FRAMEWORK STRUCTURE, AND SUCH A STRUCTURE EQUIPPED WITH SUCH A CONNECTOR

Publication

EP 0017574 B1 19840711 (FR)

Application

EP 80400423 A 19800328

Priority

- FR 7908969 A 19790409
- FR 8001419 A 19800123

Abstract (en)

[origin: EP0017574A1] 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.

IPC 1-7

E04B 1/19; F16B 7/00

IPC 8 full level

E04B 1/19 (2006.01)

CPC (source: EP)

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Cited by

DE3123482A1; CN108223506A; FR2601981A1; FR2531471A1; CN105422552A; WO0151721A1

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