

Title (en)  
Improvements in or relating to space frame connector elements.

Title (de)  
Verbindung für Raumfachwerkelemente.

Title (fr)  
Liaison pour noeud tridimensionnel.

Publication  
**EP 0154060 A1 19850911 (EN)**

Application  
**EP 84301291 A 19840228**

Priority  
• EP 84301291 A 19840228  
• ZA 821469 A 19820305

Abstract (en)  
A space frame connector element for interconnecting frame members of a space frame is provided wherein the connector element is composed of a first ring shaped part (1), a second part (2) having a convergent wall section and, in most cases, but not necessarily all, an oppositely directed third part (2) usually identical to the second part. The first ring shaped part may optionally be split (3) diametrically and has angularly spaced holes (4) adapted to accommodate co-planar fasteners (5) attached, in use, to frame members. The second and third parts (12) each have angularly spaced holes (9) also for receiving fasteners (10) but in this case the fasteners extend at an incline, usually 45 DEG , to the plane of the fasteners associated with the first part. The two or three parts are clamped together using a common bolt (15) the like and circumferential formations (12) on the parts interengage to properly locate the parts and, where the ring shaped first part is split, to hold these parts together in the radial direction.

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IPC 8 full level  
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CPC (source: EP)  
**E04B 1/1906** (2013.01); **E04B 1/1909** (2013.01); **E04B 2001/196** (2013.01)

Citation (search report)  
[X] PATENTJOERNAAL, March 1984, page 234; & ZA - A - 83 4078 (P.E. HERR)

Cited by  
GR20070100572A; EP0581054A1; CH682099A5; EP1211173A3; FR2653837A1; EP0248317A3; WO9005221A1

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