

Title (en)

Connection node for joining members of space structures

Title (de)

Anschlussknoten zum Verbinden von Elementen aus Raumstrukturen

Title (fr)

Noeud de connexion pour relier des éléments de structures spatiales

Publication

EP 2708665 A1 20140319 (EN)

Application

EP 12184844 A 20120918

Priority

EP 12184844 A 20120918

Abstract (en)

The invention pertains to the connection node for joining members of space structures in particular structural space frames. The node is formed by interconnecting the members (10,20) to spacer plates (30) using overlapping bolt holes (40,41) at the ends of each member and on the plates (30). The main assets of the system are that it can be utilised for various space structures and it can be fabricated using simple elements.

IPC 8 full level

E04B 1/19 (2006.01)

CPC (source: EP)

E04B 1/1903 (2013.01); **E04B 2001/193** (2013.01)

Citation (search report)

- [X1] WO 8505650 A1 19851219 - TULSERATE LTD [GB], et al
- [X1] EP 1496166 A1 20050112 - MIA INC [JP]

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2708665 A1 20140319; EP 2708666 A1 20140319

DOCDB simple family (application)

EP 12184844 A 20120918; EP 13177255 A 20130719