

Title (en)

Multidirectional assembling device for metallic constructions.

Title (de)

Mehrrichtungsverbindungs Vorrichtung für Metallkonstruktionen.

Title (fr)

Dispositif d'assemblage multidirectionnel pour constructions métalliques.

Publication

**EP 0392898 A1 19901017 (FR)**

Application

**EP 90400920 A 19900404**

Priority

FR 8904828 A 19890412

Abstract (en)

1. Device, for constructing three-dimensional structures formed from superposed webs or lattices (12, 12') of elements or bars 18 located in the same plane and connected together by elements (14) located in different planes and oriented in diverse directions in space, called diagonals, these elements being connected by means of assembly nodes, characterised in that each assembly node is constructed in the form of a sphere (16) pierced radially by tapped holes (20) into which the elements (14, 18) of the webs or lattices (12, 12') are positioned and fixed. <IMAGE>

IPC 1-7

**E04B 1/19**

IPC 8 full level

**E04B 1/19** (2006.01)

CPC (source: EP)

**E04B 1/1903** (2013.01); **E04B 1/1906** (2013.01); **E04B 2001/1927** (2013.01); **E04B 2001/196** (2013.01); **E04B 2001/1984** (2013.01)

Citation (search report)

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- [X] US 4313687 A 19820202 - MARTINEZ APEZTEGUI JUAN, et al
- [A] FR 2439935 A1 19800523 - BRETAGNE STE METALLURG
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EP0511063A1; FR2675855A1; WO9935938A1

Designated contracting state (EPC)

AT BE CH DE DK ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0392898 A1 19901017**; FR 2645920 A1 19901019; FR 2645920 B1 19910705

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