

Title (en)

Node for connecting struts of a space frame

Title (de)

Knoten zum Verbinden von Stäben eines Flächentragwerks

Title (fr)

Noeud de connection des barres d'une structure spatiale réticulée

Publication

**EP 1593789 B1 20110713 (DE)**

Application

**EP 05103369 A 20050426**

Priority

AT 7622004 A 20040503

Abstract (en)

[origin: EP1593789A2] The nodal unit (1) for joining several bars of an areal support structure comprises a star-like configuration of arms (2) whose plane side surfaces (3) are oriented to form required angles with the plane of the unit. Independent claims are also included for: (A) an area support structure with the proposed nodal units and bars; (B) a sealing element for a node unit and bars joined to it; (C) a sealing system consisting of such sealing elements; (D) an areal support structure with cover elements.

IPC 8 full level

**E04B 1/19** (2006.01); **E04B 1/32** (2006.01); **E04B 1/58** (2006.01); **E04B 1/66** (2006.01)

CPC (source: EP)

**E04B 1/32** (2013.01); **E04B 2001/3247** (2013.01); **E04B 2001/3252** (2013.01); **E04B 2001/3294** (2013.01)

Cited by

CN106593072A; WO2008014761A1; DE202009013261U1; EP2312074A2

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