

Title (en)

FRAMEWORK SECTION CONNECTION AREA

Title (de)

FACHWERKSEKTIONS-VERBINDUNGSBEREICH

Title (fr)

ZONE DE RACCORDEMENT DE LA SECTION DE TREILLIS

Publication

**EP 3931142 B1 20230419 (DE)**

Application

**EP 20704896 A 20200218**

Priority

- EP 19159574 A 20190227
- EP 2020054182 W 20200218

Abstract (en)

[origin: WO2020173753A2] The invention relates to a truss section (13, 15), which has a connection region (31) formed at the end faces of at least one of its two ends. The connection region (31) can be connected to the connection region (31) of another truss section (13, 15). The truss section (13, 15) contains, in each case, two upper belt sections (21A, 21B) and two lower belt sections (23A, 23B) which extend parallel to one another in the longitudinal direction of the truss section (13, 15) and are connected to one another by means of connecting struts (25) in such a way that they delimit a rectangular space (71). The upper belt sections (21A, 21B) and the lower belt sections (23A, 23B) have a tubular cross section, wherein in the connection region (31) the upper belt sections (21A, 21B) and the lower belt sections (23A, 23B) are configured so as to transition from the tubular cross section into an I-shaped cross section.

IPC 8 full level

**B66B 23/00** (2006.01)

CPC (source: CN EP KR US)

**B66B 23/00** (2013.01 - CN EP KR US); **E04B 1/2403** (2013.01 - US); **E04C 3/08** (2013.01 - US); **E04B 1/5812** (2013.01 - US);  
**E04B 2001/2415** (2013.01 - US); **E04B 2001/2418** (2013.01 - US); **E04B 2001/2448** (2013.01 - US); **E04C 2003/0491** (2013.01 - US)

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

DOCDB simple family (publication)

**WO 2020173753 A2 20200903; WO 2020173753 A3 20201217;** AU 2020227162 A1 20210624; AU 2020227162 B2 20230713;  
BR 112021008019 A2 20210921; CA 3117425 A1 20200903; CN 113165850 A 20210723; CN 113165850 B 20240416;  
EP 3931142 A2 20220105; EP 3931142 B1 20230419; KR 20210129629 A 20211028; SG 11202104198Q A 20210528;  
TW 202045428 A 20201216; US 11913215 B2 20240227; US 2022145610 A1 20220512

DOCDB simple family (application)

**EP 2020054182 W 20200218;** AU 2020227162 A 20200218; BR 112021008019 A 20200218; CA 3117425 A 20200218;  
CN 202080006671 A 20200218; EP 20704896 A 20200218; KR 20217017318 A 20200218; SG 11202104198Q A 20200218;  
TW 109106186 A 20200226; US 202017434240 A 20200218