

Title (en)
SUPPORTING FRAMEWORK

Title (de)
TRAGGERÜST

Title (fr)
OSSATURE PORTANTE

Publication
EP 3405627 B1 20200212 (DE)

Application
EP 16822458 A 20161222

Priority
• DE 102016200868 A 20160122
• EP 2016082329 W 20161222

Abstract (en)
[origin: WO2017125238A1] The invention relates to a supporting framework (18) having at least one connector (22) and at least two bars (24a-d) arranged on the connector (22). The bars (24a-d) are preferably arranged on the connector (22) at their longitudinal end regions. The connection between bars (24a-d) and connector (22) is achieved by at least one bolt (26a-h), in particular by two bolts (26a-h). The bolt (26a-h) is or the bolts (26a-h) are preferably designed in the form of plug-in bolts, in particular of fit bolts. The bolt (26a-h) has or the bolts (26a-h) have preferably a diameter of more than 28 mm that acts in the connection to the connector (22). The bars (24a-d) are formed from a steel having an upper yield strength of above 490 MPa. The bar height is less than 200 mm. Bars (24a-d), bolts (26a-h) and connector (22) are preferably part of a lattice truss of the supporting framework, wherein the lattice truss has a lattice truss height of at least 2100 mm.

IPC 8 full level
E04C 3/40 (2006.01); **E04G 11/54** (2006.01)

CPC (source: EP US)
E01D 12/00 (2013.01 - US); **E01D 21/00** (2013.01 - US); **E04C 3/40** (2013.01 - EP US); **E04G 11/50** (2013.01 - US);
E04G 11/54 (2013.01 - EP US); **E04C 2003/0491** (2013.01 - EP US)

Cited by
CN111622108A

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 2017125238 A1 20170727; AR 107380 A1 20180425; BR 112018012896 A2 20181204; CA 3014798 A1 20170727;
CL 2018001655 A1 20181207; CO 2018006449 A2 20180710; DE 102016200868 A1 20170727; EP 3405627 A1 20181128;
EP 3405627 B1 20200212; PE 20181483 A1 20180918; PH 12018501358 A1 20190227; RU 2018121097 A 20200225;
RU 2018121097 A3 20200528; US 2019040638 A1 20190207; ZA 201803761 B 20190227

DOCDB simple family (application)
EP 2016082329 W 20161222; AR P170100120 A 20170117; BR 112018012896 A 20161222; CA 3014798 A 20161222;
CL 2018001655 A 20180618; CO 2018006449 A 20180622; DE 102016200868 A 20160122; EP 16822458 A 20161222;
PE 2018001183 A 20161222; PH 12018501358 A 20180625; RU 2018121097 A 20161222; US 201616076861 A 20161222;
ZA 201803761 A 20180606