

Title (en)
TRIANGULAR PYRAMIDAL STRUCTURE, A SYSTEM AND METHOD FOR FABRICATING SAME

Title (de)
DREIECKIGE PYRAMIDENSTRUKTUR, SYSTEM UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
STRUCTURE PYRAMIDALE TRIANGULAIRE, SYSTÈME ET SON PROCÉDÉ DE FABRICATION

Publication
EP 4007834 A4 20230906 (EN)

Application
EP 20846681 A 20200727

Priority
• NO 2020050199 W 20200727
• NO 20190950 A 20190801

Abstract (en)
[origin: WO2021020971A1] A triangular pyramidal supporting structure (1) is described, which has the shape of a tetrahedron made up of elements (4a, 4b, 4c) to form a primary plane, and sloping elements (5a, 5b, 5c) projecting slopingly upwards from the primary plane and meeting in a junction point. The joining of the elements of the tetrahedron (1) is governed by imaginary lines that are determined by the primary plane. Further, a system comprising at least four tetrahedrons, and a method for providing the tetrahedron and the system are described.

IPC 8 full level
E04B 1/19 (2006.01); **E04B 1/00** (2006.01)

CPC (source: EP NO US)
E04B 1/19 (2013.01 - EP NO); **E04B 1/1903** (2013.01 - EP US); **E04B 1/32** (2013.01 - NO); **E04B 2001/0069** (2013.01 - US); **E04B 2001/0084** (2013.01 - EP US); **E04B 2001/1921** (2013.01 - US); **E04B 2001/1933** (2013.01 - EP); **E04B 2001/1978** (2013.01 - EP US); **E04B 2001/1987** (2013.01 - EP US)

Citation (search report)
• [X1] US 5611187 A 19970318 - JONES RICHARD H [US]
• [X1] WO 9609447 A1 19960328 - IVERSON JEFFREY B [US]
• [X1] DE 20006703 U1 20000914 - RUEHLE WILFRIED [DE], et al
• [XD1] JP S5325589 U 19780304
• See references of WO 2021020971A1

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 2021020971 A1 20210204; EP 4007834 A1 20220608; EP 4007834 A4 20230906; NO 20200859 A1 20210202; NO 346236 B1 20220502; US 2022275629 A1 20220901

DOCDB simple family (application)
NO 2020050199 W 20200727; EP 20846681 A 20200727; NO 20200859 A 20200727; US 202017631757 A 20200727