

Title (en)

MODULAR DOME-LIKE STRUCTURE AND VOUSSOIRS AND KEystone USED TO CONSTRUCT THE DOME-LIKE STRUCTURE

Title (de)

MODULARE KUPPELARTIGE STRUKTUR UND KEILSTEINE UND SCHLUSSSTEIN FÜR DEN BAU EINER KUPPELARTIGEN STRUKTUR

Title (fr)

STRUCTURE DE TYPE DÔME MODULAIRE, ET VOUSSOIRS ET CLÉ DE VOÛTE UTILISÉS POUR CONSTRUIRE LA STRUCTURE DE TYPE DÔME

Publication

**EP 3433441 A4 20191204 (EN)**

Application

**EP 17769218 A 20170322**

Priority

- US 201662311900 P 20160322
- CA 2017050366 W 20170322

Abstract (en)

[origin: WO2017161455A1] A modular dome-like structure comprises a semispheric wall. A lowermost course of the semispheric wall is constructed using a plurality of springers. An intermediate course of the semispheric wall is constructed using a plurality of a first voussoir type. A second to uppermost course of the semispheric wall is constructed using a plurality of a second voussoir type. An uppermost course and third to uppermost of the semispheric wall is constructed using a plurality of a third voussoir type. The modular dome-like structure may have a cap constructed using a plurality of fourth voussoir type and a keystone or the modular dome-like structure may have an oculus. The modular dome-like structure may further include a lateral opening in the semispheric wall. The lowermost course and the intermediate course may be laid in a stretcher bond.

IPC 8 full level

**E04B 1/32** (2006.01); **E04H 1/12** (2006.01); **E04H 9/10** (2006.01); **E04H 9/14** (2006.01)

CPC (source: EP US)

**E04B 1/3211** (2013.01 - EP US); **E04H 1/12** (2013.01 - EP US); **E04H 9/10** (2013.01 - EP); **E04H 9/14** (2013.01 - EP); **E04B 2001/327** (2013.01 - EP US); **E04B 2001/3276** (2013.01 - EP); **E04B 2001/3583** (2013.01 - US)

Citation (search report)

- [X1] US 2752631 A 19560703 - WENDT ROBERT H
- [X1] US 2958918 A 19601108 - MACMILLAN JAMES C A
- [X1] FR 2172870 A1 19731005 - GIRAUDET BERNARD [FR]
- [X1] KR 101477257 B1 20141229
- [A] US 2003159370 A1 20030828 - DREW JAMES JOSEPH [CA]
- See references of WO 2017161455A1

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 2017161455 A1 20170928**; CA 3018571 A1 20170928; EP 3433441 A1 20190130; EP 3433441 A4 20191204; MX 2018011573 A 20190701; US 2020299951 A1 20200924

DOCDB simple family (application)

**CA 2017050366 W 20170322**; CA 3018571 A 20170322; EP 17769218 A 20170322; MX 2018011573 A 20170322; US 201716088054 A 20170322