

Title (en)

Building block and structures using such a block

Title (de)

Baustein sowie Strukturen mit einem solchen Baustein

Title (fr)

Bloc de construction et structures utilisant un tel bloc

Publication

**EP 2241694 A1 20101020 (EN)**

Application

**EP 09075150 A 20090330**

Priority

EP 09075150 A 20090330

Abstract (en)

Building blocks (40) are described comprising at least one set of three pyramid elements (1, 2, 3) each of the three pyramid elements (1, 2, 3) generatable from a regular dissection of a cube, the pyramid elements (1, 2, 3) each having four sides and each having one base plane, the first pyramid element (1) and the second pyramid element (2) being positioned on opposite sides of the third pyramid element (3), the square base plane of the third pyramid element (3) being positioned on one of the non-triangular sides of a cuboctahedron (4). Furthermore, structures using those building blocks (40) are described.

IPC 8 full level

**E04B 2/12** (2006.01)

CPC (source: EP)

**E04B 2/12** (2013.01)

Citation (search report)

- [A] DE 1609752 A1 19700122 - NEUMANN HERWIG
- [A] EP 1001104 A1 20000517 - PETERSEN OLE FRIIS [DK]
- [A] DE 19617526 A1 19970507 - ORTOLF HANS JOACHIM PROF DIPL [DE]
- [A] DE 1959648 A1 19700730 - HALE JESSE RAYMOND

Designated contracting state (EPC)

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 SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**EP 2241694 A1 20101020; EP 2241694 B1 20110810**; AT E519898 T1 20110815

DOCDB simple family (application)

**EP 09075150 A 20090330**; AT 09075150 T 20090330