

Title (en)

Self-bearing construction structure

Title (de)

Selbstlagernde Konstruktionsstruktur

Title (fr)

Structure de construction auto-portante

Publication

**EP 2273019 A2 20110112 (EN)**

Application

**EP 10460027 A 20100622**

Priority

- PL 38840509 A 20090629
- PL 39155410 A 20100618

Abstract (en)

Construction structure consisting of a building (1) made of segments (2) in the form of vaults created by joining shaping elements being monolithic blocks (3) of large dimensions, blocks (3) are made of foamed polystyrene or foamed polyurethane, with blocks (3) having their internal surfaces unidirectional according to a segment of an approximation of a circle and their sum forms the shape of internal surface of segments' (2) vault.

IPC 8 full level

**E04B 1/32** (2006.01); **E04B 1/12** (2006.01)

CPC (source: EP)

**E04B 1/3205** (2013.01); **E04B 2001/3276** (2013.01)

Citation (applicant)

- DE 2627884 A1 19780105 - HILDEBRAND WALTER DIPL ING
- PL 197489 A1 19781023 - MONCKA RUDOLF
- PL 364050 A1 20041213 - KNIGHT BRIAN VALENTINE [US], et al

Cited by

US9598865B2

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

**EP 2273019 A2 20110112; EP 2273019 A3 20120905**

DOCDB simple family (application)

**EP 10460027 A 20100622**