

Title (en)
Self-bearing construction structure

Title (de)
Selbstlagernde Konstruktionsstruktur

Title (fr)
Structure de construction auto-portante

Publication
EP 2273019 A3 20120905 (EN)

Application
EP 10460027 A 20100622

Priority
• PL 38840509 A 20090629
• PL 39155410 A 20100618

Abstract (en)
[origin: EP2273019A2] 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 (search report)
• [XY] US 2009126292 A1 20090521 - KITAGAWA KATSUYUKI [JP]
• [Y] WO 0144593 A1 20010621 - HOKKO SOHGOH KAIHATSU K K [JP]
• [A] WO 2008078894 A1 20080703 - PARK SUK HA [KR], 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