

Title (en)
Pre-fabricated structure made of textile concrete

Title (de)
Baukörper aus Textilbeton in Fertigbauweise

Title (fr)
Corps de construction préfabriqué en béton textile

Publication
EP 2530216 A1 20121205 (DE)

Application
EP 11168101 A 20110530

Priority
EP 11168101 A 20110530

Abstract (en)
The prefabricated structure (10) has wall arrangement (12) which is made of concrete, and reinforcement which is made of woven fabric, scrim, gauze fabric, and knitted fabric. An interior space (11) is formed inside the structure by enclosing seamlessly connected wall surface portions (13,14) such as rib portions. The wall surface portions are connected with each other at a corner and the wall surface portions enclose one another in pairs at right angles.

Abstract (de)
Der erfindungsgemäße Baukörper wird durch eine aus Textilbeton bestehende Wandanordnung (12) gebildet, die einen Innenraum (11) umschließt. Die Verwendung von Textilbeton zur Erstellung des erfindungsgemäßen Baukörpers (10) gestattet die Ausführung mit besonders dünner Wandstärke sowie auch die Ausbildung relativ filigraner Verstärkungsstrukturen zur Aussteifung.

IPC 8 full level
E04B 1/348 (2006.01); **E04C 5/07** (2006.01); **E04H 6/02** (2006.01)

CPC (source: EP)
E04B 1/34336 (2013.01); **E04C 5/07** (2013.01); **E04B 1/34823** (2013.01)

Citation (applicant)
DE 102008040919 A1 20100204 - MAX BOEGL FERTIGTEILWERKE GMBH [DE]

Citation (search report)
• [XYI] DE 3918130 A1 19901122 - KESTING LORENZ [DE]
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• [Y] US 4221090 A 19800909 - PAHL ROBERT A
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DE102014105795A1; DE102014105795B4

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2530216 A1 20121205; DK 2530217 T3 20151123; EP 2530217 A1 20121205; EP 2530217 B1 20151014; ES 2552835 T3 20151202; PL 2530217 T3 20160429; PT 2530217 E 20151124

DOCDB simple family (application)
EP 11168101 A 20110530; DK 11177488 T 20110812; EP 11177488 A 20110812; ES 11177488 T 20110812; PL 11177488 T 20110812; PT 11177488 T 20110812