

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 2530217 A1 20121205 (DE)

Application
EP 11177488 A 20110812

Priority
• EP 11168101 A 20110530
• EP 11177488 A 20110812

Abstract (en)
The structure i.e. prefabricated garage (10), has a wall arrangement (12) made of concrete and designed with a textile reinforcement e.g., fabric, made of a textile material. The wall arrangement includes walls (18) i.e. planar plates, for enclosing an inner chamber (11). The walls stay relative to each other in an angle and seamlessly connected below each other. The walls are provided with a rib structure. The rib structure includes ribs, which protrude into the inner chamber. The textile reinforcement includes bars made of fiber-plastic-composite material.

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)
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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