

Title (en)

MODULAR SYSTEM FOR MAKING STRUCTURES AND PROCEDURE FOR SETTING-UP SAID MODULAR SYSTEM

Title (de)

MODULARES SYSTEM ZUM HERSTELLEN VON STRUKTUREN UND VERFAHREN

Title (fr)

SYSTÈME MODULAIRE DE CONSTRUCTION DE STRUCTURE ET PROCÉDÉ

Publication

EP 3530832 A1 20190828 (EN)

Application

EP 19159306 A 20190226

Priority

IT 201800003108 A 20180227

Abstract (en)

There is provided a modular system for making structures, comprising a plurality of modules (2), each of which is defined by a beam comprising a plurality of faces (20), three mutually perpendicular barycentric axes (2a, 2b, 2c), so as to form an ordered triple, and at least one hole (22) extending parallel to at least one of the three barycentric axes (2a, 2b, 2c), at least one support (3) defining a pole extending along a main axis of extension (3a) and inserted in each of the holes (22) so that the modules (2) are arranged in sequence along the main axis of extension (3a) and constrained to the support (3), a foundation (1a) placed on a soil, an interface device (5) arranged within the foundation (1a) and configured to loosely constrain the support (3) at one end thereof, so that it can move at least along the axis (3a), adjustment means (6) suitable to allow the support (3) to be moved, on command, along the axis (3a) relative to the interface device (5), wherein the support (3) includes at least one block element (30) arranged at a free end of the support (3) and suitable to block the movement of the modules (2) along the axis (3a) in at least one direction, and wherein the adjustment means (6) compress the modules (2) between the interface device (5) and the block element (30) when the support (3) is moved toward said soil.

IPC 8 full level

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CPC (source: EP)

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Citation (applicant)

- US 5890332 A 19990406 - SKIDMORE LESTER J [US], et al
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Citation (search report)

- [X1] GB 2091777 A 19820804 - ATKINS ALAN CHARLES, et al
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- [A] US 5890332 A 19990406 - SKIDMORE LESTER J [US], et al
- [A] FR 1510037 A 19680119
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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)

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DOCDB simple family (publication)

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