

Title (en)
SYSTEM FOR MODULAR CONSTRUCTION OF A BUILDING

Title (de)
SYSTEM FÜR DEN MODULAREN AUFBAU EINES GEBÄUDES

Title (fr)
SYSTÈME DE CONSTRUCTION MODULAIRE D'UN BÂTIMENT

Publication
EP 3705656 A1 20200909 (EN)

Application
EP 18872037 A 20180924

Priority
• ES 201731265 A 20171030
• ES 2018070613 W 20180924

Abstract (en)
The invention relates to a system for the modular construction of a building, which comprises: a first reticular structure comprising a plurality of main pieces (1) configured as beams and pillars that are joined together perpendicularly by means of a plurality of corner joining pieces (8); at least one second structure comprising perimeter edges; a plurality of auxiliary pieces (14) attached to the main pieces (1); and corner pieces (19) attached to the main pieces (1) such that between the auxiliary pieces (14) and the corner pieces (19) at least one channel is created to accommodate the second structure, wherein the second structures are attached by the perimeter edges, by means of the corner pieces (19), to the plurality of main pieces (1) of the first structure, with the main pieces (1) disposed in a single plane for each second structure.

IPC 8 full level
E04B 1/343 (2006.01); **E04B 1/58** (2006.01)

CPC (source: EP ES)
E04B 1/34315 (2013.01 - EP); **E04B 1/34326** (2013.01 - ES); **E04B 1/5825** (2013.01 - ES); **E04B 1/2403** (2013.01 - EP);
E04B 2001/2406 (2013.01 - EP); **E04B 2001/2421** (2013.01 - EP); **E04B 2001/2451** (2013.01 - EP); **E04B 2001/2475** (2013.01 - EP);
E04B 2001/2481 (2013.01 - EP); **E04B 2001/2484** (2013.01 - EP)

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 3705656 A1 20200909; **EP 3705656 A4 20201216**; **EP 3705656 B1 20211103**; ES 2668788 A1 20180522; ES 2668788 B2 20181016;
ES 2905678 T3 20220411; WO 2019086732 A1 20190509

DOCDB simple family (application)
EP 18872037 A 20180924; ES 18872037 T 20180924; ES 201731265 A 20171030; ES 2018070613 W 20180924