

Title (en)
CONSTRUCTION SYSTEM FOR A MODULE OF A BUILDING

Title (de)
BAUSYSTEM FÜR EIN MODUL EINES GEBÄUDES

Title (fr)
SYSTÈME DE CONSTRUCTION POUR UN MODULE D'UN BÂTIMENT

Publication
EP 3781754 A1 20210224 (FR)

Application
EP 19726741 A 20190416

Priority

- CH 4932018 A 20180417
- IB 2019053126 W 20190416

Abstract (en)
[origin: WO2019202498A1] The invention proposes a system for constructing a module of a building, comprising core construction elements (1) that are framed by framing construction elements (2A, 2B). The core construction elements (1) each have, in cross-section, a cross comprising two main arms (6) of equal length that intersect at mid-length at a right angle. Each core construction element (1) has a plane of symmetry around axes of the arms. The main arms (6) of the cross have transverse parts (7) at their ends. Each framing construction element (2A, 2B) is formed by four generally triangular partial framing sections (2A, 2B, 2A', 2B') that are assembled around a core element (1). Construction elements forming joining parts (4A, 4B) allow panels (4A, 4B) to be assembled in order to form a module of a building in the form of a rectangular parallelepipedal volume having four corners.

IPC 8 full level
E04B 1/343 (2006.01); **E04B 1/58** (2006.01); **E04C 3/04** (2006.01)

CPC (source: CH EP US)
E04B 1/18 (2013.01 - CH); **E04B 1/34326** (2013.01 - EP); **E04B 1/5806** (2013.01 - EP); **E04B 2/56** (2013.01 - US); **E04B 5/026** (2013.01 - US); **E04C 3/30** (2013.01 - CH); **E04B 2001/5881** (2013.01 - EP); **E04C 2003/0417** (2013.01 - EP); **E04C 2003/0421** (2013.01 - EP); **E04C 2003/0434** (2013.01 - EP); **E04C 2003/0439** (2013.01 - EP); **E04C 2003/0465** (2013.01 - EP); **E04C 2003/0478** (2013.01 - EP)

Cited by
WO2023067438A1

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)
WO 2019202498 A1 20191024; BR 112020021193 A2 20210119; CA 3094282 A1 20191024; CH 714909 A1 20191031; CN 111989445 A 20201124; CN 111989445 B 20230203; CO 2020013116 A2 20201030; EP 3781754 A1 20210224; MA 50932 A1 20220331; MA 50932 B1 20220831; MX 2020011013 A 20201111; PE 20201337 A1 20201125; PH 12020551549 A1 20210607; TN 2020000191 A1 20220404; US 11339568 B2 20220524; US 2021156142 A1 20210527; ZA 202006516 B 20220330

DOCDB simple family (application)
IB 2019053126 W 20190416; BR 112020021193 A 20190416; CA 3094282 A 20190416; CH 4932018 A 20180417; CN 201980026016 A 20190416; CO 2020013116 A 20201020; EP 19726741 A 20190416; MA 50932 A 20190416; MX 2020011013 A 20190416; PE 2020001615 A 20190416; PH 12020551549 A 20200924; TN 2020000191 A 20190416; US 201917048181 A 20190416; ZA 202006516 A 20201020