

Title (en)

SYSTEM AND METHOD FOR ERECTING WALLS, CEILINGS AND/OR ROOFS OF BUILDINGS

Title (de)

SYSTEM UND VERFAHREN ZUM ERRICHTEN VON GEBÄUDEWÄNDEN, -DECKEN UND/ODER -DÄCHERN

Title (fr)

SYSTÈME ET PROCÉDÉ POUR ÉRIGER DES PAROIS, DES PLAFONDS ET/OU DES TOITS DE BÂTIMENT

Publication

**EP 4087984 C0 20231122 (DE)**

Application

**EP 20833707 A 20201218**

Priority

- DE 102020100137 A 20200107
- EP 2020087122 W 20201218

Abstract (en)

[origin: WO2021140009A1] The present invention relates to a system for erecting walls (22), ceilings (23) and/or roofs of buildings, comprising a plurality of identical elements (1, 2), each of which comprises at least two elongate panels (6, 7) that are substantially rectangular and have a uniform width (B), the exterior main surfaces (8) of which panels extend parallel to one another and form exterior surfaces of the element (1, 2), and each of which have spacer webs (9), which connect the panels (6, 7) to one another, wherein: for fastening the element (1, 2) to adjacent elements (1, 2) in an interlocking, releasable manner, each panel longitudinal edge (10) is provided with a recess (12) forming a step (11) and extending along the entire length of the panel longitudinal edge (10); the recesses (12) are complementary to one another, have a constant cross-section in the panel longitudinal direction and have a recess depth (t) which increases from the panel longitudinal edge (10) in the inward direction; the recesses (12) extending along a first element longitudinal side face one another, and the recesses (12) extending along the opposite second element longitudinal side face away from one another; and the panels (6, 7) are arranged offset with respect to one another in the direction of their panel width (B).

IPC 8 full level

**E04B 1/10** (2006.01); **E04B 1/61** (2006.01); **E04B 2/00** (2006.01); **E04B 2/70** (2006.01); **E04B 5/02** (2006.01); **E04B 5/12** (2006.01); **E04C 2/34** (2006.01); **E04C 2/36** (2006.01); **E04C 2/38** (2006.01); **E04C 3/12** (2006.01); **E04B 2/02** (2006.01)

CPC (source: EP)

**E04B 1/10** (2013.01); **E04B 2/703** (2013.01); **E04B 5/12** (2013.01); **E04C 2/34** (2013.01); **E04C 2/36** (2013.01); **E04C 2/38** (2013.01); **E04C 2/46** (2013.01); **E04C 2/50** (2013.01); **E04C 3/127** (2013.01); **E04B 1/6179** (2013.01); **E04B 2002/0206** (2013.01); **E04B 2002/023** (2013.01); **E04C 2002/3488** (2013.01)

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

Participating member state (EPC – UP)

AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)

**DE 102020100137 A1 20210708**; EP 4087984 A1 20221116; EP 4087984 B1 20231122; EP 4087984 C0 20231122; WO 2021140009 A1 20210715

DOCDB simple family (application)

**DE 102020100137 A 20200107**; EP 2020087122 W 20201218; EP 20833707 A 20201218