

Title (en)
APPARATUS AND METHOD FOR THE ONE-PIECE PRODUCTION OF A ROOM MODULE HAVING THREE SIDE ELEMENTS AND A FLOOR ELEMENT AND/OR A CEILING ELEMENT.

Title (de)
VORRICHTUNG UND VERFAHREN ZUR EINSTÜCKIGEN HERSTELLUNG EINES DREI SEITENELEMENTE SOWIE EIN BODENELEMENT UND/ODER EIN DECKENELEMENT AUFWEISENDEN RAUMMODULS.

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR PRODUIRE D'UN SEUL TENANT UN MODULE FORMANT UN ESPACE, LEQUEL MODULE PRÉSENTE TROIS ÉLÉMENTS LATÉRAUX ET UN ÉLÉMENT FORMANT LE FOND ET/OU LE COUVERCLE.

Publication
EP 3529020 B1 20210602 (DE)

Application
EP 17797061 A 20171019

Priority
• DE 102016120047 A 20161020
• EP 2017076663 W 20171019

Abstract (en)
[origin: CA3039408A1] The invention relates to an apparatus for the one-piece production of a room module (8) having three side elements (24) and a floor element (25) and/or a ceiling element (26), wherein the apparatus takes the form of a parallelepipedal and hollow core formwork (10) around which an outer formwork (9) for the room module (8) to be produced can be arranged. The following are provided here: a) a rectangular head element (11) which consists of first planar elements (1) and second planar elements (2), b) side elements (12, 13, 14, 15) which consist of third planar elements (3) and fourth planar elements (4) and are arranged perpendicular to the head element (11) in the edge regions thereof, wherein at least the third planar elements (3) or the fourth planar elements (4) have corner regions (17) of the side elements (12, 13, 14, 15), c) the first planar elements (1) can be lowered under the second planar elements (2) of the head element (11) and can be displaced with respect to one another and, subsequently, the second planar elements (2) can be pushed together with a reduction of the rectangular area of the head element (11), and d) the third planar elements (3) and fourth planar elements (4), which are arranged perpendicular to the head element (11), of the side elements (12, 13, 14, 15) can then be moved in succession in the direction of a centre longitudinal axis (16) of the head element (11) or of the core formwork (10).

IPC 8 full level
B28B 7/22 (2006.01); **B28B 7/30** (2006.01); **E04B 1/348** (2006.01); **E04G 11/02** (2006.01)

CPC (source: EP US)
B28B 7/22 (2013.01 - EP); **B28B 7/30** (2013.01 - EP US); **E04B 1/34823** (2013.01 - US); **E04G 11/02** (2013.01 - EP US); **E04B 1/34823** (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

DOCDB simple family (publication)
DE 102016120047 A1 20180426; DE 102016120047 B4 20180503; AU 2017347495 A1 20190502; AU 2017347495 A9 20190509; AU 2017347495 B2 20201210; CA 3039408 A1 20180426; CA 3039408 C 20210907; CN 109963696 A 20190702; CN 109963696 B 20210504; DK 3529020 T3 20210726; EA 037135 B1 20210210; EA 201900163 A1 20191230; EP 3529020 A1 20190828; EP 3529020 B1 20210602; ES 2874723 T3 20211105; HR P20211321 T1 20211126; HU E055313 T2 20211129; LT 3529020 T 20210712; MY 192531 A 20220826; PL 3529020 T3 20211108; PT 3529020 T 20210720; RS 62199 B1 20210831; SG 11201903052Y A 20190530; SI 3529020 T1 20211130; US 11643829 B2 20230509; US 2020024854 A1 20200123; WO 2018073325 A1 20180426

DOCDB simple family (application)
DE 102016120047 A 20161020; AU 2017347495 A 20171019; CA 3039408 A 20171019; CN 201780063480 A 20171019; DK 17797061 T 20171019; EA 201900163 A 20171019; EP 17797061 A 20171019; EP 2017076663 W 20171019; ES 17797061 T 20171019; HR P20211321 T 20210816; HU E17797061 A 20171019; LT 17797061 T 20171019; MY PI2019001889 A 20171019; PL 17797061 T 20171019; PT 17797061 T 20171019; RS P20210997 A 20171019; SG 11201903052Y A 20171019; SI 201730896 T 20171019; US 201716341800 A 20171019