

Title (en)

Method for producing a modular construction panel with integral joinery, pre-fabricated frame required and panel obtained

Title (de)

Herstellungsverfahren von modularen Baupaneelen mit integrierten Rahmenelementen, erforderlicher Unterrahmen und so erhaltenes Paneel

Title (fr)

Procédé de réalisation d'un panneau de construction modulaire avec menuiserie intégrée, pré-cadre nécessaire et panneau obtenu

Publication

**EP 2672031 B1 20211117 (FR)**

Application

**EP 13305731 A 20130603**

Priority

FR 1255165 A 20120604

Abstract (en)

[origin: EP2672031A2] The method involves placing cores on a die, and placing a pre-frame on each of the cores, where each pre-frame receives window joinery (10). A layer of materials (40, 42) is poured to form the panel around the pre-frame in order to integrate the panel with the pre-frame. The core is removed. A shoulder forming a stop is arranged on the core in order to position the pre-frame at height of upper surface of the die of one of faces of a prefabricated panel (12) to obtain a setback (d1). Independent claims are also included for the following: (1) a pre-frame for implementing a method for forming a modular construction panel (2) a prefabricated panel.

IPC 8 full level

**E04C 2/04** (2006.01)

CPC (source: EP)

**E04C 2/044** (2013.01)

Citation (examination)

- DE 202008014057 U1 20090115 - KUNSTSTOFFWERK KATZBACH GMBH & [DE]
- US 2005247013 A1 20051110 - WALPOLE HERBERT [US]
- US 6230409 B1 20010515 - BILLINGS PATRICIA [US], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 2672031 A2 20131211; EP 2672031 A3 20150916; EP 2672031 B1 20211117**; ES 2906352 T3 20220418; FR 2991356 A1 20131206; FR 2991356 B1 20140718; PL 2672031 T3 20220502; PT 2672031 T 20220218

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