

Title (en)

SYSTEMS AND METHODS FOR CONSTRUCTING A SINGLE-STOREY BUILDING

Title (de)

SYSTEME UND VERFAHREN ZUR KONSTRUKTION EINES EINSTÖCKIGEN GEBÄUDES

Title (fr)

SYSTÈMES ET PROCÉDÉS DE CONSTRUCTION D'UN BÂTIMENT À UN SEUL NIVEAU

Publication

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Application

EP 21775358 A 20210326

Priority

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- CA 2021050410 W 20210326

Abstract (en)

[origin: US2021301528A1] Systems and methods of constructing a single-story building utilizing a plurality of prefabricated insulated panels, each of the plurality of prefabricated insulated panels comprising a first cementitious layer, a second cementitious layer, and an insulative core, wherein the insulative core is disposed between the first and second cementitious layers. The systems and methods comprise constructing a building foundation and constructing the single-story building on said foundation, the building comprising an exterior wall supported by at least said building foundation using a first plurality of the prefabricated insulated panels, the first plurality of panels forming the exterior wall disposed on an outer perimeter of the building and a roof supported by at least said exterior wall using a second plurality of the prefabricated insulated panels, the second plurality of panels forming the roof enclosing a top of the single-story building.

IPC 8 full level

E04B 1/00 (2006.01); **E04G 21/00** (2006.01)

CPC (source: EP US)

E04B 1/08 (2013.01 - EP); **E04B 1/14** (2013.01 - US); **E04B 7/22** (2013.01 - EP US); **E04C 2/288** (2013.01 - EP US); **E04C 2/34** (2013.01 - US); **E04C 2/384** (2013.01 - EP); **E04C 2/386** (2013.01 - EP); **E04C 2/46** (2013.01 - EP US); **E04C 2/50** (2013.01 - EP); **E04C 2/52** (2013.01 - EP); **E04C 2/525** (2013.01 - EP US); **E04D 13/1693** (2013.01 - EP); **E04B 2103/02** (2013.01 - US); **E04C 2002/3488** (2013.01 - EP US)

Citation (search report)

- [YDA] CA 2994868 A1 20180426 - DOMBOWSKY MICHAEL A [CA], et al
- [Y] US 2014069040 A1 20140313 - GIBSON DAVID [US]
- [Y] US 4937993 A 19900703 - HITCHINS WILLIAM G [GB]
- See also references of WO 2021189156A1

Designated contracting state (EPC)

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US 2021301528 A1 20210930; CA 3177044 A1 20210930; EP 4127342 A1 20230208; EP 4127342 A4 20240410; WO 2021189156 A1 20210930

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