

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
EP 4127342 A1 20230208 (EN)

Application
EP 21775358 A 20210326

Priority

- US 202063001194 P 20200327
- 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)
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Designated contracting state (EPC)
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DOCDB simple family (publication)
US 2021301528 A1 20210930; CA 3177044 A1 20210930; EP 4127342 A1 20230208; EP 4127342 A4 20240410; WO 2021189156 A1 20210930

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