

Title (en)
CONCRETE VOID FORM AND METHOD OF MODULAR CONSTRUCTION THEREWITH

Title (de)
BETONHOHLRAUMFORM UND VERFAHREN ZUR MODULAREN KONSTRUKTION DAMIT

Title (fr)
FORME DE VIDE EN BÉTON ET PROCÉDÉ DE CONSTRUCTION MODULAIRE AVEC CELLE-CI

Publication
EP 4265861 A1 20231025 (EN)

Application
EP 23166955 A 20230406

Priority
• US 202263334167 P 20220424
• US 202263398090 P 20220815

Abstract (en)
The present specification relates generally to modular construction and more specifically to a sacrificial concrete void form and method of modular construction therewith. The concrete void form includes a steel frame having a top face, a bottom face, and four side faces, wherein at least one of the four side faces and the top face are covered with at least one sheet of corrugated steel decking. The method of modular construction includes constructing at least one concrete void form, the at least one concrete void form comprising a steel frame having a top face, bottom face and four side faces, wherein at least one of the four side faces and the top face are covered with at least one sheet of corrugated steel decking, installing the at least one concrete void form at a construction site, and pouring concrete over or adjacent to the at least one concrete void form.

IPC 8 full level
E04B 1/16 (2006.01); **E04B 1/348** (2006.01); **E04B 2/86** (2006.01)

CPC (source: EP)
E04B 1/161 (2013.01); **E04B 1/3483** (2013.01); **E04B 2/86** (2013.01)

Citation (search report)
• [X1] WO 2013086638 A1 20130620 - MARION INVEST LTD [CA]
• [X1] WO 2020102893 A1 20200528 - VERO SOLUTIONS INC [CA]
• [X1] US 4660349 A 19870428 - TRICARICO ROCCO V [US]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
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