

Title (en)
COMPLEX CONSTRUCTION-SUPPORTING STRUCTURES, AND USE OF SAID COMPLEX CONSTRUCTION-SUPPORTING STRUCTURES

Title (de)
KOMPLEXE BAUWERKSTRAGSTRUKTUREN UND VERWENDUNG DIESER KOMPLEXEN BAUWERKSTRAGSTRUKTUREN

Title (fr)
STRUCTURES DE SUPPORT DE CONSTRUCTION COMPLEXES, ET UTILISATION DESDITES STRUCTURES DE SUPPORT DE CONSTRUCTION COMPLEXES

Publication
EP 4143396 A1 20230308 (DE)

Application
EP 20726702 A 20200429

Priority
EP 2020025197 W 20200429

Abstract (en)
[origin: WO2021219189A1] Disclosed are complex construction-supporting structures made up of two-walled, plane load-bearing structural modules which are designed for the production of two-walled, plane load-bearing structures that are made up of individual, assembled, plane load-bearing structural modules and form primary-shell load-bearing systems which in turn are combined, possibly with the additional use of complementary components such as plane truss elements (9), in order to form complex construction-supporting structures which can be used in the presence of rising sea levels or groundwater tables, poor foundation soils, and earthquakes.

IPC 8 full level
E04B 5/08 (2006.01); **E04B 1/32** (2006.01); **E04B 1/61** (2006.01); **E04B 5/10** (2006.01); **E04B 5/48** (2006.01)

CPC (source: EP US)
E04B 1/32 (2013.01 - EP); **E04B 1/6108** (2013.01 - EP); **E04B 1/6112** (2013.01 - US); **E04B 5/08** (2013.01 - EP US); **E04B 5/10** (2013.01 - EP US); **E04B 5/48** (2013.01 - EP US); **E04B 2001/6191** (2013.01 - EP US)

Citation (search report)
See references of WO 2021219189A1

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

Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2021219189 A1 20211104; EP 4143396 A1 20230308; JP 2023528177 A 20230704; US 2023295921 A1 20230921

DOCDB simple family (application)
EP 2020025197 W 20200429; EP 20726702 A 20200429; JP 2022566460 A 20200429; US 202017921595 A 20200429