

Title (en)

PRECAST CONCRETE PANELS USED AS SURFACE LINING OF PERIMETER SURFACES OF EXCAVATIONS

Title (de)

BETONFERTIGPLATTEN ZUR VERWENDUNG ALS OBERFLÄCHENVERKLEIDUNG VON UMFANGSFLÄCHEN VON AUSGRABUNGEN

Title (fr)

PANNEAUX EN BÉTON PRÉFABRIQUÉ UTILISÉS COMME REVÊTEMENT DE SURFACE DE SURFACES PÉRIPHÉRIQUES D'EXCAVATIONS

Publication

EP 3485143 A4 20200930 (EN)

Application

EP 17826669 A 20170713

Priority

- AU 2016204976 A 20160715
- AU 2017000148 W 20170713

Abstract (en)

[origin: WO2018009958A1] A system for lining a perimeter surface of an excavation; the perimeter surface defined by a solid structure; the perimeter surface lined by means of precast concrete panels which are affixed to the solid structure.

IPC 8 full level

E21D 11/08 (2006.01); **E02D 17/04** (2006.01); **E02D 17/08** (2006.01); **E02D 31/02** (2006.01); **E21D 9/00** (2006.01); **E21D 11/04** (2006.01)

CPC (source: EP US)

E02D 17/04 (2013.01 - EP US); **E02D 17/08** (2013.01 - EP US); **E02D 31/02** (2013.01 - EP); **E21D 9/04** (2013.01 - EP US); **E21D 11/08** (2013.01 - EP US); **E21D 11/083** (2013.01 - US); **E21D 11/385** (2013.01 - EP US); **E02D 2300/002** (2013.01 - US); **E02D 2600/20** (2013.01 - US)

Citation (search report)

- [Y] DE 19723554 A1 19981210 - FRANZ KERNER PHD ENTWICKLUNGEN [DE]
- [Y] US 4913594 A 19900403 - SIGOURNEY JAMES W [US]
- See references of WO 2018009958A1

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

DOCDB simple family (publication)

WO 2018009958 A1 20180118; AU 2016204976 A1 20180201; AU 2023203639 A1 20230706; EP 3485143 A1 20190522; EP 3485143 A4 20200930; US 2019309497 A1 20191010

DOCDB simple family (application)

AU 2017000148 W 20170713; AU 2016204976 A 20160715; AU 2023203639 A 20230609; EP 17826669 A 20170713; US 201716317717 A 20170713