

Title (en)
FLOATING CAISONS, METHODS AND APPARATUS FOR CONSTRUCTING FLOATING CAISONS

Title (de)
SCHWIMMENDE CAISONS, VERFAHREN UND VORRICHTUNG ZUM BAU VON SCHWIMMENDEN CAISONS

Title (fr)
CAISONS FLOTTANTS, PROCÉDÉS ET APPAREILS DE CONSTRUCTION DE CAISONS FLOTTANTS

Publication
EP 3936295 A1 20220112 (EN)

Application
EP 20382605 A 20200707

Priority
EP 20382605 A 20200707

Abstract (en)
A method of forming a wall of a floating caisson is provided, which comprises: providing a slab (110) on a submersible platform (20); providing one or more base supports (130) on top of the slab (110), the base supports (130) having a first outer surface and a second outer face; forming a first wall portion (121-124) by spraying concrete on the first and the second outer faces; lowering the platform (20); and forming one or more subsequent wall portions (121-124) on the first wall portion (121-124). Also disclosed are apparatuses (70) for constructing a floating caisson and floating caissons.

IPC 8 full level
B28B 7/22 (2006.01); **B28B 15/00** (2006.01); **B28B 19/00** (2006.01); **B63C 1/02** (2006.01); **E02D 29/09** (2006.01)

CPC (source: EP)
B28B 7/22 (2013.01); **B28B 15/002** (2013.01); **B28B 19/003** (2013.01); **E02D 23/02** (2013.01); **E02D 23/08** (2013.01); **E02D 29/06** (2013.01);
B63C 1/02 (2013.01)

Citation (search report)

- [XYI] WO 2018222553 A1 20181206 - PLACE DANIEL WILLIAM [US], et al
- [X] CN 102505702 A 20120620 - 13TH CONSTRUCTION CO LTD CHINA NAT CHEMICAL ENGINEERING
- [X] KR 20090055226 A 20090602 - SAMSUNG HEAVY IND [KR]
- [X] US 4263862 A 19810428 - SHEPHERD NED A
- [Y] US 4054034 A 19771018 - HYRE ROBERT WARREN, et al

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

DOCDB simple family (publication)

EP 3936295 A1 20220112; EP 4178775 A1 20230517; WO 2022008555 A1 20220113

DOCDB simple family (application)

EP 20382605 A 20200707; EP 2021068742 W 20210707; EP 21742365 A 20210707