Title (en)
NON-MAGNETIC REINFORCEMENT IN BUOYANT PRESTRESSED CONCRETE STRUCTURES

Title (de)
NICHTMAGNETISCHE VERSTÄRKUNG BEI SCHWIMMENDEN VORGESPANNTEN BETONBAUWERKEN

Title (fr)
ARMATURE NON MAGNÉTIQUE POUR STRUCTURES FLOTTANTES EN BÉTON PRÉCONTRAINT

Publication
EP 3044085 A1 20160720 (EN)

Application
EP 14780640 A 20140915

Priority
- SE 1351054 A 20130913
- SE 2014051062 W 20140915

Abstract (en)
[origin: WO2015038060A1] A method of manufacturing a buoyant prestressed concrete structure (13), comprising the steps of placing at least one first reinforcement bar (12) comprising basalt in a mould, substantially along a longitudinal extension of the mould; pouring concrete into the mould such that the concrete covers the at least one floating element and the at least one reinforcement bar; and allowing the concrete to cure. The method further comprises a step of prestressing the at least one reinforcement bar.

IPC 8 full level
B63B 35/34 (2006.01); **B63B 35/44** (2006.01); **E02B 3/06** (2006.01); **E04C 5/07** (2006.01)

CPC (source: EP SE)
B28B 1/14 (2013.01 - SE); **B28B 23/04** (2013.01 - SE); **B63B 35/34** (2013.01 - EP SE); **B63B 35/44** (2013.01 - EP); **E01D 15/14** (2013.01 - SE); **E04C 5/07** (2013.01 - SE); B63B 2231/64 (2013.01 - EP); B63B 2231/68 (2013.01 - EP); E02B 3/062 (2013.01 - EP); E04C 5/073 (2013.01 - EP); E04C 5/085 (2013.01 - EP)

Citation (search report)
See references of WO 2015038060A1

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)
WO 2015038060 A1 20150319; CY 1122811 T1 20210505; DK 3044085 T3 20200316; EP 3044085 A1 20160720; EP 3044085 B1 20191225; ES 2773978 T3 20200715; HR P20200459 T1 20200626; LT 3044085 T 20200410; PL 3044085 T3 20200629; PT 3044085 T 20200401; RS 60065 B1 20200430; SE 1351054 A1 20150314; SE 539878 C2 20180102; SI 3044085 T1 20200630

DOCDB simple family (application)
SE 2014051062 W 20140915; CY 201100272 T 20200323; DK 14780640 T 20140915; EP 14780640 A 20140915; ES 14780640 T 20140915; HR P20200459 T 20200319; LT 14780640 T 20140915; PL 14780640 T 20140915; PT 14780640 T 20140915; RS P20200328 A 20140915; SE 1351054 A 20130913; SI 201431506 T 20140915