

Title (en)
STABILIZATION METHODS AND SYSTEM

Title (de)
STABILISIERUNGSVERFAHREN UND -SYSTEM

Title (fr)
PROCÉDÉS ET SYSTÈME DE STABILISATION

Publication
EP 3786367 A2 20210303 (EN)

Application
EP 20192722 A 20200825

Priority
GB 201912229 A 20190826

Abstract (en)
There is disclosed a method of stabilizing and/or lifting and/or separating a first structure (600) relative to a second structure, the method comprising the steps of: determining a volume of fluid required to inflate an inflatable element (630) disposed in a gap between the first and second structures to a first pressure level; based on the volume of fluid required and characteristics of the inflatable element (630), determining a second pressure level required to provide a desired stabilizing and/or lifting and/or separating force to be applied to the structures by the inflatable element (630); and further inflating the inflatable element (630) to the second pressure level.

IPC 8 full level
E02B 17/02 (2006.01); **E02B 17/04** (2006.01); **E02B 17/00** (2006.01)

CPC (source: EP GB)
B63B 35/44 (2013.01 - GB); **B63B 75/00** (2020.01 - GB); **E02B 17/00** (2013.01 - EP); **E02B 17/0008** (2013.01 - EP GB); **E02B 17/027** (2013.01 - EP); **E02B 17/04** (2013.01 - EP); **E02B 17/0845** (2013.01 - GB); **B63B 2035/446** (2013.01 - GB); **E02B 2017/0039** (2013.01 - EP); **E02B 2017/0091** (2013.01 - EP)

Citation (applicant)
GB 201814224 A 20180831

Citation (examination)
AU 4200278 A 19800529 - SHIELDS C N JR

Cited by
EP3848511A1

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 3786367 A2 20210303; **EP 3786367 A3 20210609**; GB 201912229 D0 20191009; GB 2590051 A 20210623; GB 2590051 B 20231011

DOCDB simple family (application)
EP 20192722 A 20200825; GB 201912229 A 20190826