

Title (en)
AN ANCHOR FOR THE VESSELS

Title (de)
SCHIFFSANKER

Title (fr)
ANCRE POUR NAVIRES

Publication
EP 2844545 A1 20150311 (EN)

Application
EP 13737697 A 20130502

Priority
• TR 201205104 A 20120502
• TR 201305125 A 20130430
• TR 2013000131 W 20130502

Abstract (en)
[origin: WO2013165329A1] The invention is an anchor (10) which constitutes a certain weight in the water, when dropped into the water by means of a connection (14) like a rope or chain connected to the mentioned vessel (20) in order to stabilize the vessels (20) at a required area or point over the sea surface. It has an expandable reservoir (11) which allows the water transmission inside from the outside, keeps the material located inside and is connected to the vessel (20) with the connection (14) and contains a water absorbent material (12) which expands and gets heavy when interacting with water located in the reservoir (11). When the water absorbent material (12) interacts with water it turns into a mass of thick solid gel and becomes heavier (12.1) inside the reservoir (11) in which it is located, and reaches the sufficient weight that the reservoir (11) can stabilize the vessel (20) at its place.

IPC 8 full level
B63B 21/24 (2006.01); **B63B 22/02** (2006.01)

CPC (source: EP US)
B63B 21/24 (2013.01 - US); **B63B 22/02** (2013.01 - EP US); **B63B 22/20** (2013.01 - EP US)

Citation (search report)
See references of WO 2013165329A1

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 2013165329 A1 20131107; CN 104321246 A 20150128; CN 104321246 B 20161012; EA 026003 B1 20170228; EA 201491879 A1 20150130; EP 2844545 A1 20150311; EP 2844545 B1 20160921; ES 2607334 T3 20170330; US 2015144050 A1 20150528

DOCDB simple family (application)
TR 2013000131 W 20130502; CN 201380022897 A 20130502; EA 201491879 A 20130502; EP 13737697 A 20130502; ES 13737697 T 20130502; US 201314397191 A 20130502