

Title (en)  
BUOY

Title (de)  
BOJE

Title (fr)  
BOUEE

Publication  
**EP 3609777 A1 20200219 (FR)**

Application  
**EP 18716311 A 20180413**

Priority  
• FR 1700419 A 20170414  
• EP 2018059571 W 20180413

Abstract (en)  
[origin: WO2018189388A1] A buoy (1) comprising a surface unit (5) comprising a sealed tank (1000) comprising an inflatable bag (3), a tubular wall (70) of axis z and a bottom (71), the tubular wall and the bottom delimiting a volume referred to as the inner volume (60), the surface unit comprising at least one cartridge (11) enclosing a compressed gas that can be released in such a way as to inflate the inflatable bag such that it functions as a float in an operational configuration of the buoy, the sealed tank comprising a projecting container (17) protruding from the bottom and moving away from the inner volume, from the bottom.

IPC 8 full level  
**B63B 22/22** (2006.01)

CPC (source: EP KR US)  
**B63B 22/003** (2013.01 - US); **B63B 22/22** (2013.01 - EP KR US); **B63B 22/003** (2013.01 - EP KR)

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 2018189388 A1 20181018**; AU 2018250916 A1 20191107; AU 2018250916 B2 20230202; CA 3059827 A1 20181018;  
EP 3609777 A1 20200219; EP 3609777 B1 20220406; ES 2912649 T3 20220526; FR 3065196 A1 20181019; FR 3065196 B1 20191213;  
JP 2020516529 A 20200611; JP 2023027352 A 20230301; KR 102621945 B1 20240105; KR 20190138827 A 20191216;  
SG 11201909550U A 20191128; US 11124273 B2 20210921; US 2020180733 A1 20200611

DOCDB simple family (application)  
**EP 2018059571 W 20180413**; AU 2018250916 A 20180413; CA 3059827 A 20180413; EP 18716311 A 20180413; ES 18716311 T 20180413;  
FR 1700419 A 20170414; JP 2019555750 A 20180413; JP 2022205155 A 20221222; KR 20197032923 A 20180413;  
SG 11201909550U A 20180413; US 201816605011 A 20180413