Title (en)
AN ARRANGEMENT FOR DEFINING A STATE FOR A MARINE VESSEL

Title (de)
ANORDNUNG ZUR FESTLEGUNG EINES ZUSTANDS FÜR EIN WASSERFAHRZEUG

Title (fr)
AGENCEMENT PERMETTANT DE DÉFINIR UN ÉTAT POUR UN NAVIRE

Publication
EP 3408718 A4 20190821 (EN)

Application
EP 17743777 A 20170120

Priority
- FI 20165063 A 20160129
- FI 2017050030 W 20170120

Abstract (en)
[origin: WO2017129859A1] Autonomous operation is used for reducing operation costs and improving safety of marine vessels. An arrangement for defining a state for an autonomous or tele-operated marine vessel is disclosed. The state will depend on conditions of the onboard systems, current navigational situation observed by the ships sensors, as well as capability of the currently available data links (104, 105, 106). Once the state has been defined it will govern what kind of operation modes are available and what data is sent for the remote operator (107). The difference between a state and a mode is that autonomous system can switch between different states independently of the operator whereas operation mode has to be selected by the user.

IPC 8 full level
G05D 1/00 (2006.01); **B63B 49/00** (2006.01); **B63J 99/00** (2009.01); **G01C 21/00** (2006.01); **G05D 1/02** (2020.01); **G08G 3/02** (2006.01); **H04L 1/00** (2006.01)

CPC (source: EP US)
B63B 79/10 (2020.01 - EP US); **G05D 1/0022** (2024.01 - EP); **G08G 3/02** (2013.01 - EP US)

Citation (search report)
- [XI] ROLAND STELZER ET AL: "Communication Architecture for Autonomous Sailboats", 31 July 2009 (2009-07-31), XP055600466, Retrieved from the Internet <URL:http://www.roboat.at/fileadmin/user_upload/_temp_/Roboat/Publications/StelzerJafarmadar2009.pdf> [retrieved on 20190628]
- See references of WO 2017129859A1

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

DOCDB simple family (publication)
WO 2017129859 A1 20170803; EP 3408718 A1 20181205; EP 3408718 A4 20190821

DOCDB simple family (application)
FI 2017050030 W 20170120; EP 17743777 A 20170120