

Title (en)
SYSTEM AND METHOD FOR MANAGING NAVIGATION PLAN OF A MARINE VESSEL

Title (de)
SYSTEM UND VERFAHREN ZUR VERWALTUNG DES NAVIGATIONSPLANS EINES SCHIFFS

Title (fr)
SYSTÈME ET PROCÉDÉ POUR GÉRER UN PLAN DE NAVIGATION D'UN NAVIRE MARITIME

Publication
EP 3583587 A1 20191225 (EN)

Application
EP 18708156 A 20180216

Priority
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• FI 2018050117 W 20180216

Abstract (en)
[origin: WO2018150101A1] A system and method for managing navigation plan of a marine vessel on a potential collision course with one or more other marine vessels is provided. The system and method comprises generating identification data, by the identification unit, indicative of at least manoeuvrability of the marine vessel. The system and method also comprises calculating, by the computing unit, priority factors of all the marine vessels involved in the potential collision course based on corresponding identification data thereof, then comparing the calculated priority factors of all the marine vessels, and then determining a required change in the navigation plan of the marine vessel based on the comparison, such that the marine vessel(s) with a lower calculated priority factor out of all the marine vessels alter the navigation plan(s) thereof to give way to the marine vessel(s) with a comparatively higher calculated priority factor.

IPC 8 full level
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CPC (source: EP FI)
B63B 49/00 (2013.01 - FI); **G01C 21/203** (2013.01 - EP); **G05D 1/0206** (2024.01 - FI); **G08G 3/02** (2013.01 - EP FI)

Citation (examination)
TAM CHEEKUANG ET AL: "Cooperative path planning algorithm for marine surface vessels", OCEAN ENGINEERING, vol. 57, 1 January 2013 (2013-01-01), AMSTERDAM, NL, pages 25 - 33, XP093017205, ISSN: 0029-8018, Retrieved from the Internet <URL:https://pdf.sciencedirectassets.com/271462/1-s2.0-S0029801812X00192/1-s2.0-S0029801812003472/main.pdf?X-Amz-Security-Token=IQoJb3JpZ2luX2VjElF////////wEaCXVzLWVhc3QtMSJGMEQCICgKXyXILioCFTe2G/4I86Q8K92hHZCyAVXUvK/J/M+xAiAbB/r5w+ornapwvx9j0+FXud5QVenkSxszvED7yBzx6SrVBAjw////////8BEAUaDDA1OTAwMzU0N> [retrieved on 20230124], DOI: 10.1016/j.oceaneng.2012.09.003

Designated contracting state (EPC)
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