

Title (en)

BALLAST WATER OZONE AND HYDROGEN PEROXIDE TREATMENT METHOD AND APPARATUS FOR SHIPS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR BALLASTWASSEROZON- UND WASSERSTOFFPEROXIDBEHANDLUNG FÜR SCHIFFE

Title (fr)

PROCÉDÉ ET APPAREIL DE TRAITEMENT À L'OZONE ET AU PEROXYDE D'HYDROGÈNE D'EAU DE BALLAST POUR NAVIRES

Publication

EP 3405436 A1 20181128 (EN)

Application

EP 16716704 A 20160119

Priority

IT 2016000013 W 20160119

Abstract (en)

[origin: WO2017125956A1] A method and apparatus for the purification of ballast water through ozonation for ships provides to insert in the ballast water system of ships mixing members that permit the mixing of ballast water with a process water which is sea water, preferably drawn from the cooling water of the engine room, ozonized through the injection of ozone gas and added with hydrogen peroxide. The method and the apparatus of the invention greatly improve the effectiveness of the ozonation treatment of ballast water by eliminating the risk of having not solubilized gaseous ozone in ballast water.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 2017125956A1

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