

Title (en)  
BALLAST WATER TREATMENT OPERATING APPARATUS AND METHOD

Title (de)  
BALLASTWASSERBEHANDLUNGBETRIEBSVORRICHTUNG UND -VERFAHREN

Title (fr)  
APPAREIL DE COMMANDE DE TRAITEMENT D'EAU DE BALLAST ET PROCÉDÉ

Publication  
**EP 3228532 B1 20200506 (EN)**

Application  
**EP 16163894 A 20160405**

Priority  
EP 16163894 A 20160405

Abstract (en)  
[origin: EP3228532A1] A ballast water treatment operating apparatus includes a ballast water treatment unit for performing a certain treatment of ballast water flowing in from the outside for a ballast operation or performing a certain treatment of ballast water discharged into the outside for a de-ballast operation; a positional information receiving unit for receiving positional information; a control unit for confirming a ship's position by using positional information received from the positional information receiving unit and then determining whether to operate the ballast water treatment unit during a ballast operation or during a de-ballast operation, thereby being capable of preventing an unnecessary energy consumption.

IPC 8 full level  
**B63J 4/00** (2006.01)

CPC (source: EP)  
**B63J 4/002** (2013.01)

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)  
**EP 3228532 A1 20171011; EP 3228532 B1 20200506**

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