

Title (en)

A METHOD FOR PRODUCING AND STORING DESALINATED WATER ON A MARINE VESSEL

Title (de)

VERFAHREN ZUR ERZEUGUNG UND SPEICHERUNG VON ENTSALZTEM WASSER AUF EINEM SEEFahrZEUG

Title (fr)

PROCÉDÉ DE PRODUCTION ET DE STOCKAGE D'EAU DESSALÉE SUR UN NAVIRE DE MER

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2013004240A1] The invention relates to a method for producing and storing desalinated water on a marine vessel (10) by producing from sea water (50a); a desalinated fraction of water (50b) and a brine fraction (50c) by using a desalination plant (20). The desalination plant uses the excess heat as an energy source in the desalination process so the desalinated water (50b) is produced during sea voyage, and the desalinated water is conveyed into a ballast tank (30, 31) and stored therein during sea voyage. The invention solves the problem of treating the ballast water according to IMO regulations and simultaneously produces desalinated water.

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Citation (search report)

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