

Title (en)
ELECTROLYTIC STERILIZING APPARATUS FOR SHIP BALLAST WATER

Title (de)
ELEKTROLYTISCHE STERILISATIONSVORRICHTUNG FÜR SCHIFFSBALLASTWASSER

Title (fr)
APPAREIL DE STÉRILISATION ÉLECTROLYTIQUE POUR EAU DE BALLAST DE BATEAU

Publication
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Application
EP 06700128 A 20060111

Priority
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Abstract (en)
[origin: WO2007032577A1] An electrolytic sterilizing apparatus comprises an electrolytic module (10) including an inlet port (11-1) disposed at one end thereof for allowing ballast water (40) to be introduced therethrough, an outlet port (11-2) disposed at the other end thereof for allowing the ballast water (40) to be discharged therethrough, a baffle unit (20) mounted at the inlet port (11-1) side for generating eddy flow, a sensor (30) mounted at the outlet port (11-2) side for measuring residual chlorine concentration, and a chamber (11) disposed between the baffle unit (20) and the sensor (30), the chamber (11) having electrode sets (12-1) mounted therein, each of the electrode sets (12-1) including a pair of electrodes (12), a power supply unit (50) for supplying power to the electrolytic module (10), and a connecting unit (60) including a pump (61) for introducing and discharging the ballast water (40), a pipe (62) connected to the pump (61), and a valve (63).

IPC 8 full level
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CPC (source: EP KR US)
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