

Title (en)

MARINE PROPULSION SYSTEM WITH REDUCED ON-BOARD NETWORK DISTORTION FACTOR

Title (de)

SCHIFFSANTRIEBSSYSTEM MIT VERMINDERTEM BORDNETZKLIRRFAKTOR

Title (fr)

SYSTEME DE PROPULSION DE NAVIRE A FACTEUR DE DISTORSION HARMONIQUE REDUIT DU RESEAU DE BORD

Publication

EP 1395487 A1 20040310 (DE)

Application

EP 02745129 A 20020607

Priority

- DE 0202100 W 20020607
- DE 10128152 A 20010611

Abstract (en)

[origin: DE10128152A1] The system has a 3-phase electrical system on board, at least one first and second propeller motor (23-27), 12-pulse current converters (18-22) supplying the motors that are connected to the on-board electrical system (12,13) and each have a d.c. intermediate circuit with an intermediate circuit capacitor. The capacitors differ to an extent that the harmonics are minimal when both motors are drawing the same power. AN Independent claim is also included for the following: a method of operating a ship.

IPC 1-7

B63H 23/24; **H02M 1/12**

IPC 8 full level

B63H 23/24 (2006.01); **H02M 5/45** (2006.01); **H02M 7/08** (2006.01)

CPC (source: EP)

B63H 23/24 (2013.01); **H02M 5/45** (2013.01); **H02M 7/08** (2013.01)

Citation (search report)

See references of WO 02100716A1

Designated contracting state (EPC)

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