

Title (en)
STEERING ACTUATOR FOR A STEER-BY-WIRE SHIP'S CONTROL SYSTEM AND METHOD FOR OPERATING SAID STEERING ACTUATOR

Title (de)
LENKAKTUATOR FÜR EIN STEER-BY-WIRE SCHIFFSTEUERSYSTEM UND VERFAHREN ZUM BETREIBEN DES LENKAKTUATORS

Title (fr)
ACTIONNEUR DE DIRECTION POUR UN SYSTÈME DE PILOTAGE DE NAVIRE STEER-BY-WIRE (PILOTAGE PAR CÂBLE) ET PROCÉDÉ DE FONCTIONNEMENT DE L'ACTIONNEUR DE DIRECTION

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Application
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Abstract (en)
[origin: WO2009047131A2] The invention relates to a steering actuator (1) for a ship's control system, designed as a linear electromechanical actuator and comprising an electric motor (2), a controller (11) that is connected to the electronic control unit of the ship's control system (ECU) via a CAN bus and an angle sensor (12) that is connected to the controller (11) for determining the angular position of the rudder (13). The electric motor (2) is designed as a vector-controlled brushless motor.

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