

Title (en)

DRIVE DEVICE COMPRISING TWO DRIVE MOTORS FOR A SHIP

Title (de)

ANTRIEBSEINRICHTUNG MIT ZWEI ANTRIEBSMOTOREN FÜR EIN SCHIFF

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT COMPRENANT DEUX MOTEURS D'ENTRAÎNEMENT POUR UN BATEAU

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2009124841A2] The invention relates to a drive device (1) for a ship comprising a drive shaft (3) for driving a propulsion unit (4) of the ship and a first and a second electric motor (5 and 6) for driving the propulsion unit (4). Both of the motors (5, 6) are arranged behind each other on the drive shaft (3). The first motor (5) comprises a rotor (21) and a stator (23) that are arranged in a motor housing (25). The current converters (27) for feeding the first motor (5) with electric current are arranged in the motor housing (25), preferably at least partially in an area (26) between the drive shaft (3) and the rotor (21). According to the invention, the ratio of the power rating of the first motor (5) in relation to the power rating of the second motor (6) is between 1:3 and 3:1. The second motor (6) is arranged on the drive shaft (3) in a spatial manner between the propulsion unit (4) and the first motor (5).

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