

Title (en)
ELECTRIC RUDDER PROPELLER OF LOWER INSTALLATION HEIGHT

Title (de)
ELEKTRISCHER RUDERPROPELLER MIT NIEDRIGER EINBAUHÖHE

Title (fr)
HELICE DE GOUVERNAIL ELECTRIQUE A FAIBLE ENCOMBREMENT EN HAUTEUR

Publication
EP 1177130 B1 20030806 (DE)

Application
EP 00918680 A 20000225

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Abstract (en)
[origin: WO0068073A1] The invention relates to an electric rudder propeller for a high-speed marine ship, comprising a multi-phase electric motor which is mounted in a gondola-shaped housing beneath the stern of the ship, using a rotatable, preferably two-part shaft. Said motor can be supplied with electric drive energy by means of a slip ring assembly and can be rotated using drive motors. The rudder propeller is mounted in close proximity to the outer hull (6) in the stern of the ship, in particular, above the water line, using a flat ring bearing (7). The slip ring assembly (8) is located in the upper section (3) of the shaft (2, 3) at the level of the ring-shaped bearing (7) and the drive motors for the rotational movement (9) are low in design and are located at least partially in the interior of the ring bearing (7).

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IPC 8 full level
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