

Title (en)
A propulsion arrangement in a ship

Title (de)
Antriebsanordnung in einem Schiff

Title (fr)
Agencement de propulsion pour navire

Publication
EP 2535262 B1 20151230 (EN)

Application
EP 11169720 A 20110614

Priority
EP 11169720 A 20110614

Abstract (en)
[origin: EP2535262A1] The propulsion arrangement comprises at least one propulsion unit (10) situated at the stem of the ship comprising a hull (100) having a horizontal water line (WL) and a center line (CL). The at least one propulsion unit (10) comprises a hollow support structure (11) attached to the hull, a chamber (12) attached to the support structure, an electric motor (13) within the chamber (12), a propeller (15) at the front end of the chamber (12), said propeller (15) being connected through a shaft to the electric motor (13), and a pivotably supported rudder (16) at the rear end of the chamber (12). The at least one propulsion unit (10) is mounted so that the shaft line (SL) forms a vertical tilt angle (\pm) in the range of 1 to 8 degrees in relation to the water line (WL) so that the front end of the chamber (22) is lower than the rear end of the chamber (22) in relation to the water line (WL).

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