

Title (en)
Propulsion arrangement in a ship

Title (de)
Antriebsanordnung in einem Schiff

Title (fr)
Agencement de propulsion pour navire

Publication
EP 2626290 B1 20150923 (EN)

Application
EP 12154664 A 20120209

Priority
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Abstract (en)
[origin: EP2626290A1] The arrangement comprises a propulsion unit (100) comprising a hollow support structure (10) being stationary attached to the hull (200) of a ship, a chamber (20) having a longitudinal central axis (X-X), and being stationary attached to the support structure (10), driving means (30) and transmission means (40) for driving a propeller (50) situated at a front end (21) of the chamber (20), and a pivotable rudder (60) situated after the support structure (10) and the chamber (20), said rudder (60) having a turning axis (Y-Y) in proximity with a front edge (63) of the rudder (60). The arrangement is characterized in that a rear end (22) of the chamber (20) comprises an outwardly curved protrusion (23) extending into a corresponding inwardly curved cavity (66) formed at a front edge (63) of the rudder (60), and that the rudder (60) comprises a cone (67) having a base and an apex (A1), the base of the cone (67) surrounding the inwardly curved cavity (66) at the front edge (63) of the rudder (60) and the apex (A1) being within the rudder (60) or beyond the rear edge (64) of the rudder (60).

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