

Title (en)  
Propulsion and steering arrangement

Title (de)  
Antriebs- und Steueranordnung

Title (fr)  
Agencement de propulsion et de direction

Publication  
**EP 2163471 B1 20110907 (EN)**

Application  
**EP 08164275 A 20080912**

Priority  
EP 08164275 A 20080912

Abstract (en)  
[origin: EP2163471A1] A propulsion and steering arrangement for a vessel comprises a screw propeller (2) and a turnable rudder (10) arranged behind the propeller (2). A fairing (6) at a tail end of the propeller (2) and a bulb-shaped body (20) provided on the rudder (10) form a streamlined body which is continuous except for a narrow gap between the fairing (6) and the bulb-shaped body (20). The rudder (10) has a twisted upper leading edge (12) extending from an upper end (17) of the rudder (10) to the bulb-shaped body (20) and a twisted lower leading edge (13) extending from a lower end (18) of the rudder (10) to the bulb-shaped body (20). At least one of the upper leading edge (12) and the lower leading edge (13) has a constant twist angle.

IPC 8 full level  
**B63H 25/38** (2006.01); **B63H 25/42** (2006.01)

CPC (source: EP)  
**B63H 1/28** (2013.01); **B63H 25/38** (2013.01); **B63H 2025/388** (2013.01)

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DOCDB simple family (publication)  
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