

Title (en)
Propulsion and steering arrangement

Title (de)
Antriebs- und Steueranordnung

Title (fr)
Agencement de propulsion et de direction

Publication
EP 2163472 A1 20100317 (EN)

Application
EP 08164276 A 20080912

Priority
EP 08164276 A 20080912

Abstract (en)
A propulsion and steering arrangement for a vessel (40) comprises a screw propeller (2) and a 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 a rudder blade (11) of 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) to allow a swinging movement of the bulb-shaped body (20) relative to the fairing (6) when the rudder blade (11) is turned. A tail end of the rudder blade (11) is provided with a movable flap (12).

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

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B63H 2025/388 (2013.01 - EP)

Citation (applicant)
• GB 762445 A 19561128 - LEO COSTA, et al
• WO 2006112787 A1 20061026 - ROLLS ROYCE AB [SE], et al
• WO 8905262 A1 19890615 - KAMEWA AB [SE]
• EP 0144860 A2 19850619 - LICENTIA GMBH [DE]

Citation (search report)
• [DY] WO 2006112787 A1 20061026 - ROLLS ROYCE AB [SE], et al
• [Y] WO 8905262 A1 19890615 - KAMEWA AB [SE]
• [DY] GB 762445 A 19561128 - LEO COSTA, et al
• [Y] US 2008110386 A1 20080515 - KLUGE MATTHIAS [DE], et al
• [A] EP 0144860 A2 19850619 - LICENTIA GMBH [DE]

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CN112996719A; US2014179178A1; CN109070985A; JPWO2017183150A1; EP3446960A4; US9758230B2; WO2020109540A1; WO2014137222A1

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Designated extension state (EPC)
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DOCDB simple family (application)
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