

Title (en)  
PROPULSION DEVICE FOR NAVAL VESSEL

Title (de)  
PROPULSIONSVORRICHTUNG FÜR EIN MARINES BAUWERK

Title (fr)  
DISPOSITIF DE PROPULSION D'UN BATIMENT NAVAL

Publication  
**EP 1140618 A1 20011010 (FR)**

Application  
**EP 99961152 A 19991222**

Priority  
• FR 9903260 W 19991222  
• FR 9816672 A 19981230

Abstract (en)  
[origin: FR2788032A1] The invention concerns a naval vessel (1) comprising a pod (5) whereon is mounted a rotary propulsion device (9a, 9b, 10a, 10b) and at least an electric motor (13) driving the propeller in rotation. The pod comprises a longitudinally oriented shaft (8) fixed at one end of a suspension and orientation strut (3) mounted rotating about an axis (4) on the naval vessel (1) structure (2). The pod (5) shaft (8) carries at least a pair of contra-rotating propellers (9, 10). Each of the propellers is integral with a rotor support (15) mounted rotating about the pod shaft (8), bearing at least a rotor element placed opposite at least a stator (16) fixed around the pod shaft (8) and arranged inside the rotor support (15) which constitutes at least part of a casing for the pod (5).

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IPC 8 full level  
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