

Title (en)
LINE DESIGN AND PROPULSION SYSTEM FOR A DIRECTIONALLY STABLE, SEAGOING BOAT WITH RUDDER PROPELLER DRIVE SYSTEM

Title (de)
LINIENENTWURF UND PROPULSIONSANORDNUNG FÜR EIN KURSSTABILES, SEEGEHENDES SCHIFF MIT RUDERPROPELLERANTRIEB

Title (fr)
ETUDE ET DISPOSITION DE PROPULSION POUR UN NAVIRE HAUTURIER A BONNE TENUE DE CAP, ENTRAINE PAR DES HELICES DE GOUVERNAIL

Publication
EP 1476353 A1 20041117 (DE)

Application
EP 03742491 A 20030217

Priority
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Abstract (en)
[origin: DE10206669A1] The flow channel between the skegs (2) is wedge-shaped, widening continuously in the downward- and sternward directions, preferably with slight curvature. Sidewalls of the flow channel are least partially plane surfaces, running out into fin-like bridging sections, which include displacement volume for the water. This configuration promotes a channel effect resulting in low ships resistance. It also influences after-flow, with favorable effect on propulsion performance.

IPC 1-7
B63H 5/16; **B63B 3/38**; **B63H 5/125**

IPC 8 full level
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CPC (source: EP KR US)
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