

Title (en)
TUGBOAT

Title (de)
SCHLEPPER FÜR SCHIFFE

Title (fr)
REMORQUEUR

Publication
EP 1740447 A1 20070110 (EN)

Application
EP 04737692 A 20040707

Priority
• BG 2004000012 W 20040707
• BG 10862104 A 20040308

Abstract (en)
[origin: WO2005085056A1] The present invention relates to a tugboat, with application in maneuvering of a vessel. A problem for better maneuvering during tugging has been solved. The tuboat comprises a hull, where on the hull deck is positioned a movable command cabin and are installed devices for ropes for tying the tugged vessel. To the hull (1) are installed two Z- drives (2) in close proximity to the tugboat hull (1) periphery, they are positioned at max distance one from the other. On one of the hull (1) boards, in symmetry to the transverse plane are installed joint devices (5) for side contact and device (7) for front contact with tugged vessel bow. On the other hull (1) board, also in symmetry to the transverse plane, are installed joint devices (5) uniform with the mentioned above joint devices (5) for side contact and a device (8) for front contact.

IPC 8 full level
B63B 21/56 (2006.01); **B63B 35/66** (2006.01); **B63B 35/68** (2006.01); **B63B 35/70** (2006.01); **B63H 20/00** (2006.01); **B63H 20/02** (2006.01)

CPC (source: EP)
B63B 21/56 (2013.01); **B63B 35/66** (2013.01); **B63B 35/70** (2013.01); **B63H 20/00** (2013.01); **B63H 20/02** (2013.01); **B63B 35/665** (2013.01)

Citation (search report)
See references of WO 2005085056A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005085056 A1 20050915; BG 108621 A 20051230; BG 65236 B1 20070928; EP 1740447 A1 20070110

DOCDB simple family (application)
BG 2004000012 W 20040707; BG 10862104 A 20040308; EP 04737692 A 20040707