

Title (en)
Integrated towboat system

Title (de)
Integriertes Schleppsystem

Title (fr)
Système de remorquage intégré

Publication
EP 1099622 A3 20030108 (EN)

Application
EP 00610113 A 20001109

Priority
NO 995477 A 19991109

Abstract (en)
[origin: EP1099622A2] The invention provides an integrated tow boat system including a tow boat, said system further including a powered bow unit module operable by remote control, a navigation bridge equipment module, and a control telemetry module. The powered bow-module (boat) (1) equipped with propellers (30) and steering aids in conjunction with a powered push boat (3) is particularly advantageous for moving barges with goods on water. An outstanding feature of the system is the integrated control of all the propulsion and steering machinery of the two boats through radio communication. <IMAGE>

IPC 1-7
B63B 35/66

IPC 8 full level
B63B 35/66 (2006.01); **B63H 21/22** (2006.01); **B63B 35/70** (2006.01)

CPC (source: EP)
B63B 35/665 (2013.01); **B63H 21/22** (2013.01); **B63B 35/70** (2013.01); **B63B 2035/002** (2013.01)

Citation (search report)

- [Y] US 5111763 A 19920512 - MOERBE RONALD C [US]
- [YA] US 3864662 A 19750204 - DAVID PIERRE Y, et al
- [YA] US 4063240 A 19771213 - ISBISTER ERIC J, et al
- [A] GB 2173744 A 19861022 - BECKETT MICHAEL THOMAS
- [A] US 4175511 A 19791127 - KRAUTKREMER FRANZ [DE]

Cited by
EP1561683A1; CN100439202C; WO2019083996A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1099622 A2 20010516; EP 1099622 A3 20030108; NO 995477 D0 19991109

DOCDB simple family (application)
EP 00610113 A 20001109; NO 995477 A 19991109