

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
11 May 2006 (11.05.2006)

PCT

(10) International Publication Number
WO 2006/049496 A1

(51) International Patent Classification:
B63B 21/56 (2006.01) **B63B 35/68** (2006.01)

(21) International Application Number:
PCT/NL2005/000776

(22) International Filing Date:
2 November 2005 (02.11.2005)

(25) Filing Language: Dutch

(26) Publication Language: English

(30) Priority Data:
1027414 3 November 2004 (03.11.2004) NL

(71) Applicant (for all designated States except US): **European Intelligence B.V.** [NL/NL]; Jacobus Lipsweg 38, NL-3316 BP Dordrecht (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **MAMPAELJ, Gerardus, Antonius, Jozef** [NL/NL]; Wijnstraat 24, NL-3311 BW Dordrecht (NL).

(74) Agent: **WINCKELS, J., H., F.**; c/o VEREENIGDE, Johan de Wittlaan 7, NL-2517 JR The Hague (NL).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

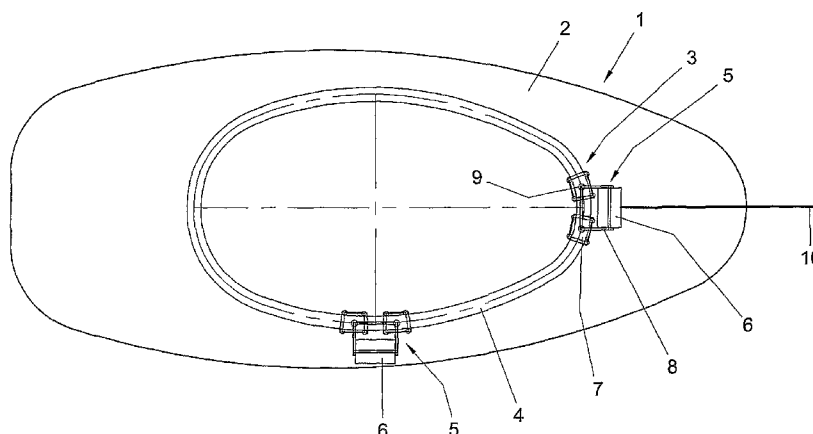
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TUG WITH MOVABLE TOWING INSTALLATION



(57) Abstract: A tug (1) with a deck construction on which a towing installation (3) is mounted/ which is provided with a seat (5) , a towing unit (6) carried by the seat and an endless rail construction (4) which is fixedly connected to the deck construction and forms a guide track for carrying the seat in a movable manner, so that a force applied to the towing unit can be transmitted via the seat, the rail construction and the deck construction to the tug, while moving the seat along the rail construction depending on the direction of the applied force. The seat is provided with at least two moving units (7) , which are movable in a guided manner through the endless rail construction and are each connected, mutually independently, to the towing unit by a hinge construction with a central axis which extends substantially perpendicularly to a substantially horizontal plane defined by the rail construction.