(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 16 November 2006 (16.11.2006)

(10) International Publication Number WO 2006/121909 A3

(51) International Patent Classification:

B63B 1/38 (2006.01) F15D 1/06 (2006.01) F15D 1/12 (2006.01) C09K 3/18 (2006.01)

(21) International Application Number:

PCT/US2006/017502

(22) International Filing Date:

5 May 2006 (05.05.2006)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

11/122,582

5 May 2005 (05.05.2005)

US

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- (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.

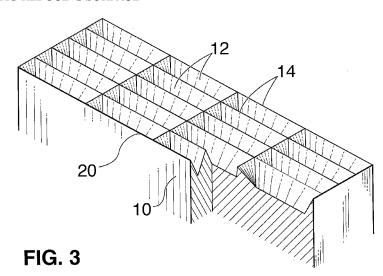
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, 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 (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))
- (88) Date of publication of the international search report:

10 September 2010

(54) Title: FRICTION DRAG-REDUCING SURFACE



(57) Abstract: An article includes a body (10) having at least one viscous drag-reducing surface. The surface includes at least one of a hydrophobic feature topography including a plurality of spaced apart microscale features and a hydrophobic coating to render the surface at least hydrophobic. A multiplicity of indentations are in the surface, the indentations being macro-scale depressions (12) separated and enframed by a plurality of ridges (14). The macro-scale depressions (12) trap gas bubbles therein, wherein viscous drag between the article and water is reduced by the surface.



INTERNATIONAL SEARCH REPORT

International application No PCT/US2006/017502

A. CLASSIFICATION OF SUBJECT MATTER INV. B63B1/38 C09K3 F15D1/06 F15D1/12 C09K3/18 ADD. According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) B63B C09K F15D Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Citation of document, with indication. where appropriate, of the relevant passages Relevant to claim No. Category* EP 0 616 940 A (MITSUI ENGINEERING & 1 - 12Υ SHIPBUILDING CO., LTD; MITSUI SHIPBUILDING ENG) 28 September 1994 (1994-09-28) page 5, line 5 - page 7, line 22 page 8, line 30 - page 9, line 17page 9, lines 46-53 page 11, line 3 - page 12, line 2; figures 1-3,7,8JP 2005 048904 A (NAT INST OF ADV IND & 1 - 12Υ TECHNOL) 24 February 2005 (2005-02-24) * abstract paragraphs [0036] - [0039], [0042] -[0044], [0053] - [0054]; figures 1,2,4a,5a -/--ΧI Further documents are listed in the continuation of Box C. See patent family annex. Special categories of cited documents: *T* tater document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the A document defining the general state of the art which is not considered to be of particular relevance invention earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-"O" document referring to an oral disclosure, use, exhibition or ments, such combination being obvious to a person skilled other means in the art. document published prior to the international filing date but later than the priority date claimed "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 13 July 2010 21/07/2010 Authorized officer Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Fax: (+31–70) 340–3016 Rechenmacher, M

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