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

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
23 June 2005 (23.06.2005)

PCT

(10) International Publication Number
WO 2005/056382 A1

(51) International Patent Classification[7]: B63B 59/08

(21) International Application Number:
PCT/AU2004/001642

(22) International Filing Date:
26 November 2004 (26.11.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2003906833 9 December 2003 (09.12.2003) AU

(71) Applicants and
(72) Inventors: **JOHNSON, Keith** [AU/AU]; Commercial Diving Services Pty Ltd, Lot 2, Yallah Road, NSW 2530 (AU). **JOHNSON, Timothy** [AU/AU]; Commercial Diving Services Pty Ltd, Lot 2, Yallah Road, NSW 2530 (AU).

(74) Agent: **GRIFFITH HACK**; P.O. Box 4164, Sydney, NSW 2001 (AU).

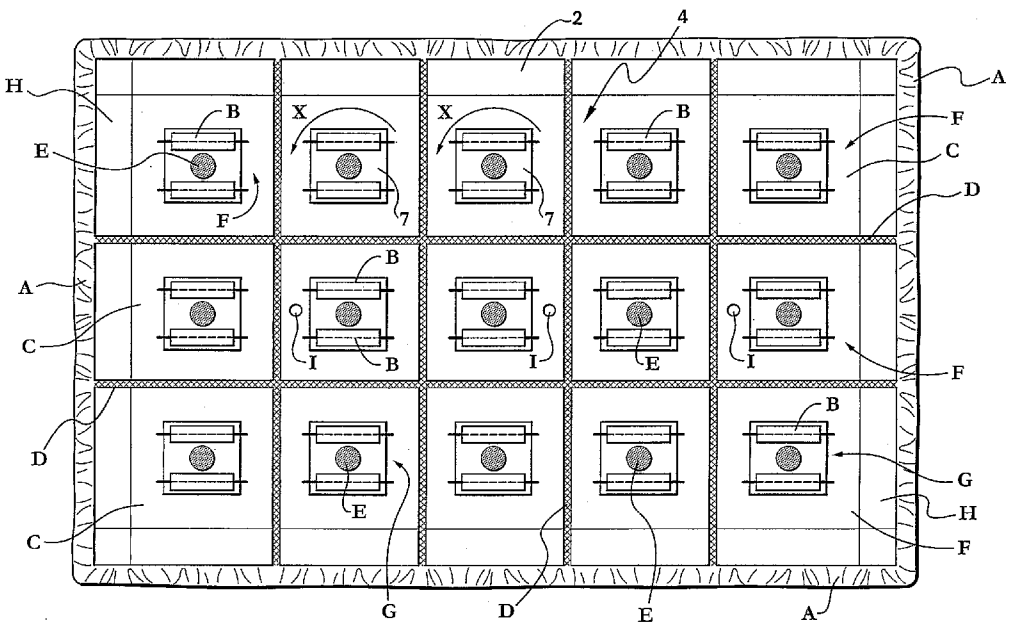
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, 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, LU, 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: A METHOD AND APPARATUS FOR TREATING MARINE GROWTH ON A SURFACE



(57) Abstract: The present invention relates to a method and apparatus for treating of marine growth on the surface, such arm the holes of boats and ships. A confinement arrangement is used to confine a volume of heated fluid against the surface. The confinement arrangement is retained d against the surface by maintenance and mounts rollers so that it can be moved over the surface to treat other parts of the surface. A heated fluid is provided to the confined volume from an external heater.

WO 2005/056382 A1