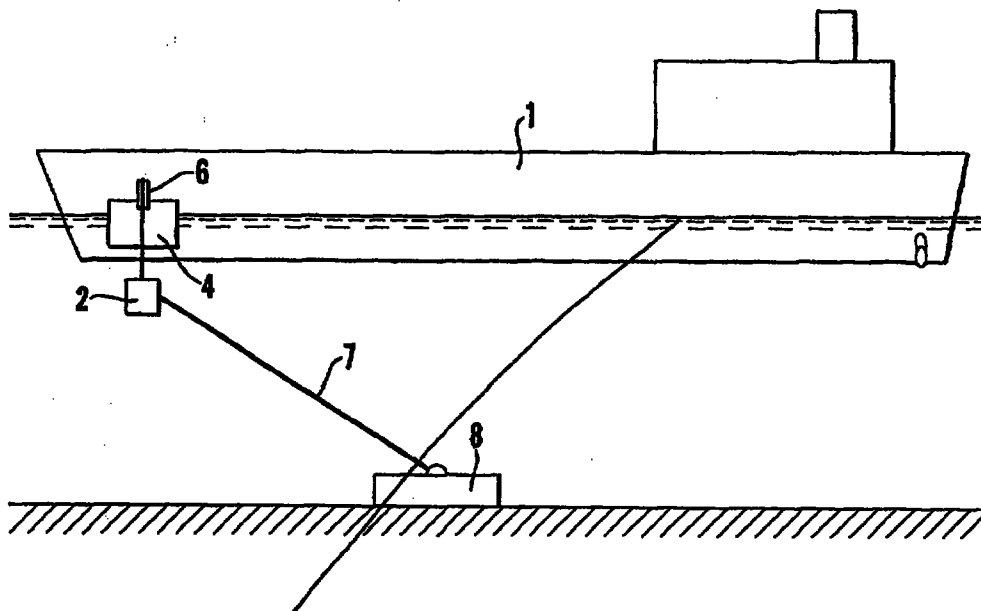




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ G01N 29/10, B63B 59/00	A1	(11) International Publication Number: WO 00/14528 (43) International Publication Date: 16 March 2000 (16.03.00)
(21) International Application Number: PCT/NO99/00274 (22) International Filing Date: 2 September 1999 (02.09.99) (30) Priority Data: 19984062 3 September 1998 (03.09.98) NO (71)(72) Applicants and Inventors: BALTZERSEN, Øystein [NO/NO]; Øvre Bakklundet 31, N-7013 Trondheim (NO). SANGESLAND, Sigbjørn [NO/NO]; Okstadbrinken 10, N-7075 Tiller (NO). (74) Agent: ONSAGERS AS; P.O. Box 265 Sentrum, N-0103 Oslo (NO).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the</i> <i>claims and to be republished in the event of the receipt of</i> <i>amendments.</i> <i>In English translation (filed in Norwegian).</i>

(54) Title: METHOD AND ARRANGEMENT FOR INSPECTION OF BUOYANT OBJECTS**(57) Abstract**

The invention relates to a method and a device for determining the thickness and topography of buoyant objects, especially ship's hulls (1), by means of a beam (2, 17) carrying an array of ultrasound sensors (3). The object (1) and the beam (2) are moved relative to each other in the object's longitudinal direction while the distance between the object and the beam are automatically adjusted by raising/lowering the beam (2) by means of lifting means (6) and/or distance elements secured by floating bodies (4). The invention also relates to a device for implementing the method.