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

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(54) **Title:** WAVE-POWERED DEVICE WITH ONE OR MORE TETHERS HAVING ONE OR MORE RIGID SECTIONS

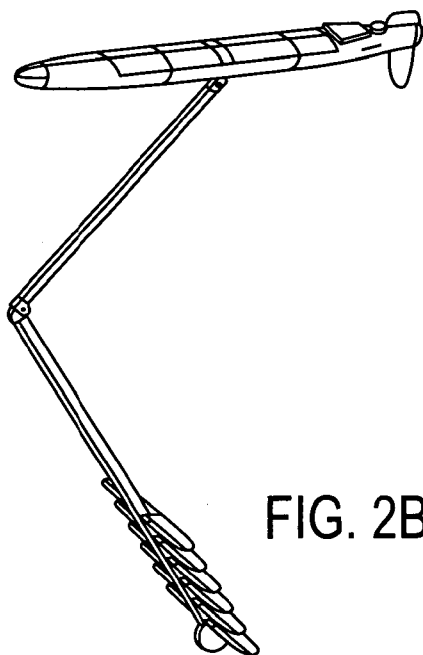


FIG. 2B

(57) **Abstract:** Many of the known wave-powered devices ("WPDs") comprise (1) a float, (2) a swimmer, and (3) a tether connecting the float and the swimmer. The swimmer generates thrust as the float moves up and down due to surface waves. A WPD is provided with a rigid tether that can be moved from (a) a first position ("adjacent position") in which at least a part of the tether is adjacent to the float to (b) a second position ("extended position") in which the tether (i) is extended below the float and (ii) is at least in part substantially rigid. The WPD can if desired be transported, stored, or launched while the tether is in the adjacent position, and the tether can be moved into the extended position after the device has been launched and remain in the extended position while the device is being operated.



INTERNATIONAL SEARCH REPORT

International application No

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A. CLASSIFICATION OF SUBJECT MATTER

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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)

F03B B63H

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 practicable, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 453 981 A (GAUSE JOSEPH A) 8 July 1969 (1969-07-08) cited in the application	1,3,4,6, 8-11,13, 14,16, 19-23, 29, 38-42, 44-48, 50-57
Y	column 2, line 36 - column 2, line 67 column 4, line 27 - line 44; figure 5	2,12, 30-37, 49,58,59
Y	----- US 2009/311925 A1 (HINE ROGER G [US] ET AL) 17 December 2009 (2009-12-17) paragraphs [0082], [0083], [0119] - [0131]; figures 1,5-10 ----- -/-	2,12, 30-37, 49,58,59



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

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"&" document member of the same patent family

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y	column 2, line 28 - line 54 column 4, line 6 - line 27; figures 1,2 -----	7
Y	US 4 968 273 A (MOMOT ADAM [CA]) 6 November 1990 (1990-11-06) cited in the application	7
A	column 5, lines 6-22; figures 8,9,12a,12b -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

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