

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
28 February 2002 (28.02.2002)

PCT

(10) International Publication Number
WO 02/16289 A2

(51) International Patent Classification⁷: **C07C**

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(21) International Application Number: PCT/US01/25843

(22) International Filing Date: 17 August 2001 (17.08.2001)

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(25) Filing Language: English

(26) Publication Language: English

(30) **Priority Data:**
60/226,367 18 August 2000 (18.08.2000) US
09/836,399 17 April 2001 (17.04.2001) US

(81) **Designated States (national):** AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, 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, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

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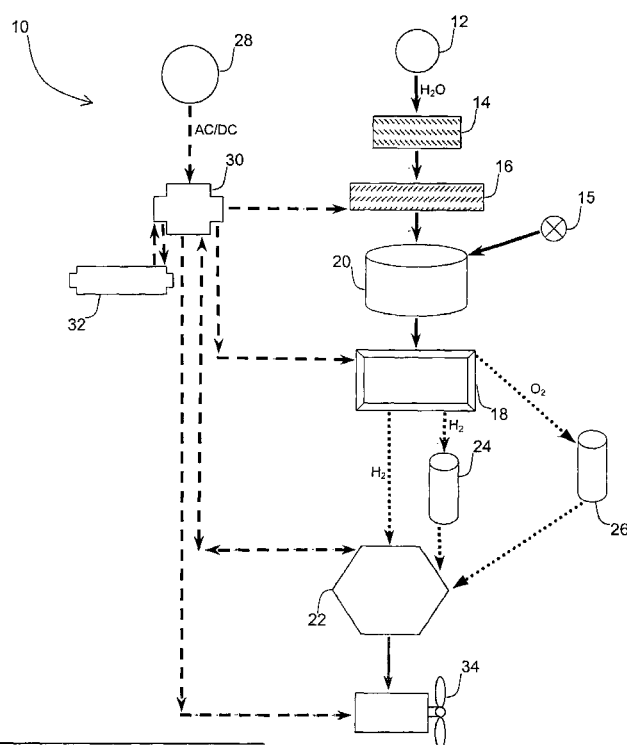
(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF,

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[Continued on next page]

(54) **Title:** SYSTEM AND METHOD FOR THE PRODUCTION AND USE OF HYDROGEN ON BOARD A MARINE VESSEL



(57) **Abstract:** This invention is directed to an integrated onboard hydrogen (H₂) production and utilization system for all watercraft, which yields environmentally benign vessel power production without new infrastructure requirements. Water (H₂O) is supplied to a vessel, whether ashore, docked or underway, and is systematically converted into hydrogen and oxygen. The energy required for this process may be provided by any renewable or non-renewable source. The H₂ produced is either utilized at once or stored. Energy is released from the H₂ by one or more power plants.



CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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