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<p>(21) International Application Number: PCT/GB99/03523 (22) International Filing Date: 25 October 1999 (25.10.99) (30) Priority Data: 9823414.9 26 October 1998 (26.10.98) GB 9904909.0 3 March 1999 (03.03.99) GB (71) Applicants (for all designated States except US): DAVIES, Christopher, John [GB/GB]; Westgate House, Dedham, Colchester, Essex CO7 6HJ (GB). DAVIES, Caroline, Jane [GB/GB]; Westgate House, Dedham, Colchester, Essex CO7 6HJ (GB). BEITH, Robert, Michael, Victor [GB/GB]; Wall View, Easton, Woodbridge, Suffolk IP13 0EF (GB). (71)(72) Applicant and Inventor: ECCLES, Christopher, Robert [GB/GB]; Westgate House, Colchester, Essex CO7 6HJ (GB). (74) Agent: HITCHCOCK, Esmond, Antony; Lloyd Wise, Tregear &amp; Co., Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW (GB).</p>		<p>(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, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p><b>Published</b> <i>With international search report.</i></p>

(54) Title: ENERGY GENERATION

(57) Abstract

Methods and apparatus are described for releasing energy from hydrogen and/or deuterium atoms. An electrolyte is provided which has a catalyst therein suitable for initiating transitions of hydrogen and/or deuterium atoms in the electrolyte to a subground energy state. A plasma discharge is generated in the electrolyte to release energy by fusing the atoms together.

