

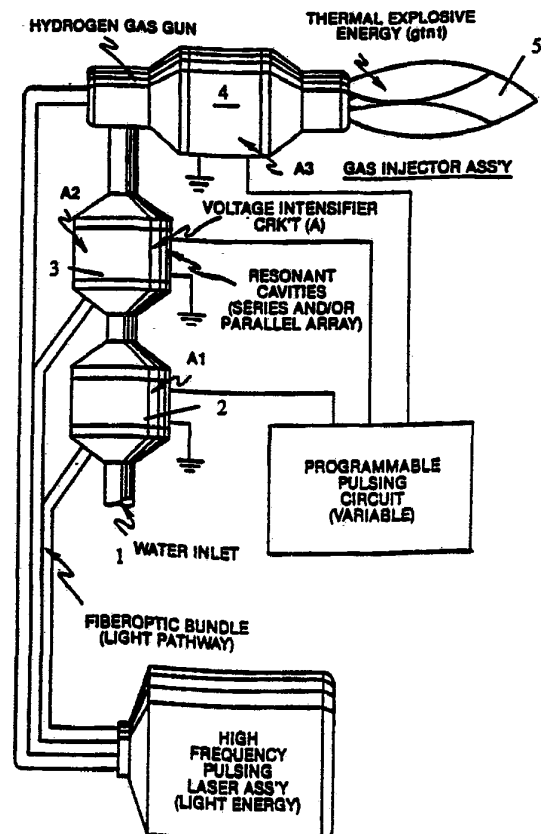
INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

<p>(51) International Patent Classification⁴ : H05H 15/00</p>	<p>A3</p>	<p>(11) International Publication Number: WO 89/ 01464 (43) International Publication Date: 23 February 1989 (23.02.89)</p>
<p>(21) International Application Number: PCT/US88/02680 (22) International Filing Date: 4 August 1988 (04.08.88) (31) Priority Application Number: 081,859 (32) Priority Date: 5 August 1987 (05.08.87) (33) Priority Country: US (71)(72) Applicant and Inventor: MEYER, Stanley, A. [US/US]; 3792 Broadway, Grove City, OH 43123 (US). (74) Agent: BARANOWSKI, Edwin, M.; Porter, Wright, Morris & Arthur, 41 S. High Street, Columbus, OH 43215 (US). (81) Designated States: AT (European patent), BE (European patent), CH (European patent), DE (European patent), FR (European patent), GB (European patent), IT (European patent), JP, LU (European patent), NL (European patent), SE (European patent).</p>		<p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 9 March 1989 (09.03.89)</p>

(54) Title: CONTROLLED PROCESS FOR THE PRODUCTION OF THERMAL ENERGY FROM GASES AND APPARATUS USEFUL THEREFOR

(57) Abstract

A method of and apparatus for obtaining the release of energy from a gas mixture including hydrogen and oxygen in which charged ions are stimulated to an activated state, and then passed through a resonant cavity, where successively increasing energy levels are achieved, and finally passed to an outlet orifice to produce thermal explosive energy.



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INTERNATIONAL SEARCH REPORT

International Application No. **PCT/US88/02680**

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁶		
According to International Patent Classification (IPC) or to both National Classification and IPC		
INT. CL. ⁴	H05H 15/00	
U.S. CL.	204/157.41	
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
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U.S.	204/157.41, 164, Dig. 11	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT ⁹		
Category *	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
X	US,A, 4,233,109 (NISHIZAWA) 11 November 1980, See figure 7 and entire specification.	2
A	US,A, 4,406,765 (HIGASHI ET AL) 27 September 1983, See abstract and figure 7.	
A,P	US,A, 4,687,753 (FIATO ET AL) 18 August 1987, See abstract and figure 1.	
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IV. CERTIFICATION		
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report	
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International Searching Authority	Signature of Authorized Officer <i>Stephen J. Kalafut</i>	
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