



Europäisches Patentamt
European Patent Office
Office européen des brevets

⑪ Publication number:

0 186 898

A3

⑫

EUROPEAN PATENT APPLICATION

⑬ Application number: 85116517.5

⑮ Int. Cl.³: F 21 K 5/02

⑭ Date of filing: 23.12.85

⑯ Priority: 31.12.84 US 687640

⑰ Applicant: GTE Products Corporation
100 West 10th Street
Wilmington, DE 19801(US)

⑰ Date of publication of application:
09.07.86 Bulletin 86/28

⑱ Inventor: Gavenonis, Thomas L.
544 Sand Hill Road, RD No. 3
Montoursville Lycoming County PA 17754(US)

⑲ Date of deferred publication of search report: 05.10.88

⑲ Inventor: Hewitt, William H.
24 G. Acres Drive
Essex County Bradford, MA 01830(US)

⑳ Designated Contracting States:
BE DE FR GB NL

⑳ Representative: Lemke, Jörg-Michael, Dipl.-Ing.
Wolframstrasse 9
D-8900 Augsburg(DE)

④ Rapid flash lamp.

⑤ A method and apparatus for providing low peak time and pulse width actinic energy from a lamp by varying the input energy of a capacitive ignition circuit having relatively high voltage to the lamp. The lamp comprises a pair of electrodes disposed within a light transparent envelope in which a combustible and an oxidizing gas reaction combination is located. The combustible is preferably shredded zirconium which is in contact with and provides an electrical discharge path between the electrodes. The gas is preferably pressurized oxygen.

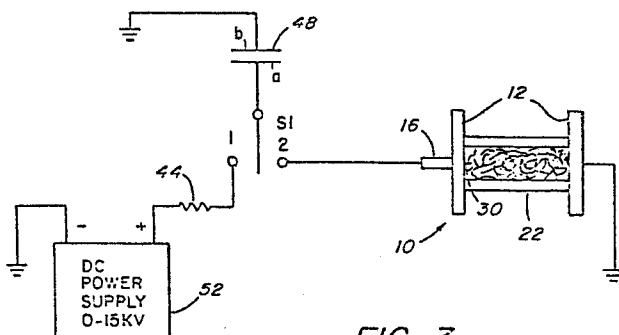


FIG. 3



European Patent
Office

EUROPEAN SEARCH REPORT

0186898

Application Number

EP 85 11 6517

DOCUMENTS CONSIDERED TO BE RELEVANT									
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)						
X	US-A-2 868 003 (ALBRECHT) * Whole document *	1,2,4	F 21 K 5/02						
A	---	8,9							
X	US-A-3 000 200 (ALBRECHT) * Column 2, lines 3,4 *	1,3,4							
A	US-A-3 807 935 (BRECHER) * Column 6, lines 12,13 *	4,5							
A	US-A-2 208 439 (SUTTS) * Column 1, line 36 *	6							
A	US-A-2 718 771 (FREEMAN) * Column 2, line 63 *	9,10							
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)						
			F 21 K						
<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Place of search</td> <td style="width: 33%;">Date of completion of the search</td> <td style="width: 34%;">Examiner</td> </tr> <tr> <td>THE HAGUE</td> <td>01-08-1988</td> <td>FOUCRAY R.B.F.</td> </tr> </table> <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>				Place of search	Date of completion of the search	Examiner	THE HAGUE	01-08-1988	FOUCRAY R.B.F.
Place of search	Date of completion of the search	Examiner							
THE HAGUE	01-08-1988	FOUCRAY R.B.F.							