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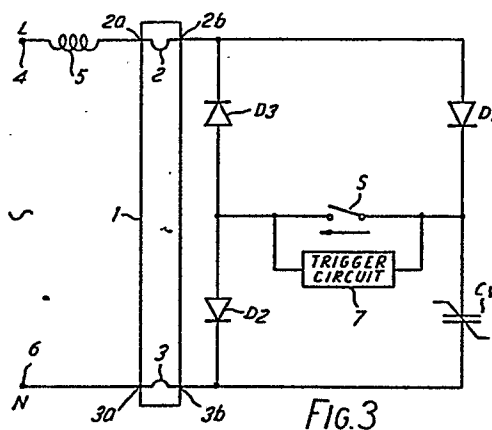
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Improvements relating to the starting of discharge lamps.

Electronic starter circuits for discharge lamps have been proposed employing the pulse producing properties of a non-linear dielectric element. This starter uses such an element (CV) which can produce a voltage pulse substantially in excess of twice the peak of the supplied voltage in response to a voltage pulse above its saturation voltage. The starter includes a semiconductor switch (S) and a diode steering circuit (D1, D2, D3) which connects the switch across the circuit input terminals (4, 6) in one polarity to pass preheating current through the lamp cathodes (2, 3) and in another part of the starting cycle connects the switch (S) in the opposite polarity in series with the non-linear dielectric element (CV) to apply an ignition voltage pulse across the lamp (1).





European Patent
Office

EUROPEAN SEARCH REPORT

0102183

Application number

EP 83 30 4251

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. 3)
X,D	EP-A-0 048 137 (MITSUBISHI) * page 15, line 1 - page 21, line 13; figures 8-12 *	1,3,5,6	H 05 B 41/04
A	--- DE-A-2 949 074 (PHILIPS) * page 9, line 22 - page 10, line 15; figure 3 * -----	1,3	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			H 05 B 41/00
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 17-10-1984	Examiner DUCHEYNE R.C.L.
CATEGORY OF CITED DOCUMENTS			
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		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	