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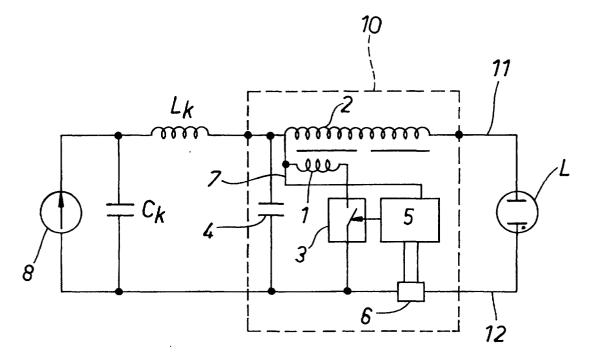
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(54) Method and ignition circuit for switching a high pressure lamp on and off

(57) The invention relates to a method and an ignition circuit for switching a high pressure lamp on and off. A load circuit is capable of being short-circuited by means of a switch (3), which is connected in series with a primary winding (1) of a pulse transformer (1, 2) and whose on-off control is also used for generating ignition voltage pulses through a secondary winding (2) to a lamp (L). Upon a controlled closing of the switch (3) con-

ductively for an extended period of time, a current ballast (Lk) will be subjected to a through-going short-circuit current for the load circuit and the lamp voltage falls to such a low level that the lamp is turned off. This lamp turn-off function can be used both for switching off a normally burning lamp and for terminating an abnormal status of gas discharge of a lamp not ignited between ignition attempts, in order to give the lamp a chance to cool down prior to another ignition attempt.





EUROPEAN SEARCH REPORT

Application Number

EP 01 66 0040

Category	Citation of document with indication of relevant passages	on, where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.CI.7)	
Χ	US 5 962 988 A (LIN LI 5 October 1999 (1999-10 * figures 13,14,16-19	9-05)	1,7	H05B41/04	
D,A	WO 97 08921 A (TRIDONIO); ARBINGER KAI (AT); PLO 6 March 1997 (1997-03-0	- C BAUELEMENTE ONER ROMAN (AT)) 			
				TECHNICAL FIELDS SEARCHED (Int.CI.7)	
	The present search report has been d	rawn up for all claims			
Place of search		Date of completion of the search		Examiner	
MUNICH		13 November 200	3 Mai	cas, J	
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		E : earlier patent o after the filing o D : document cite L : document cited	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		
O : non-written disclosure P : intermediate document		& : member of the same patent family, corresponding document			

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 01 66 0040

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