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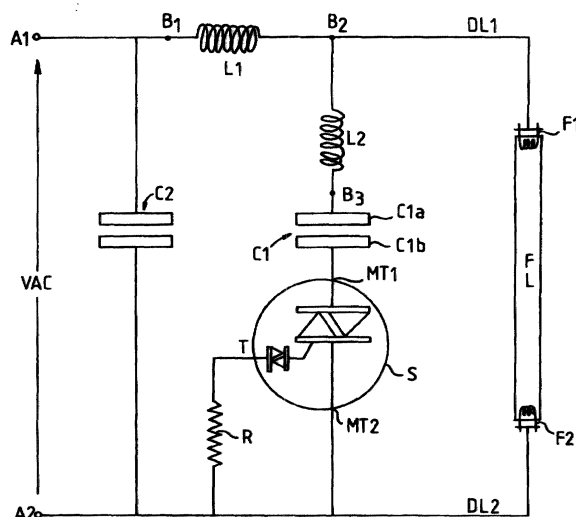
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(54) **Fluorescent lamp ballast combined with electronic starter and resonant capacitor for reducing input current**

(57) 1. An electronic power supply circuit provided for supplying electric power to a fluorescent lamp having a first (F1) and a second (F2) filament, said circuit comprising a ballast having a first and a second coil, said first coil being connected between a first power input pole of said circuit and a first distribution line connecting said first coil to a first connection point for said first filament said ballast comprises a second coil having a first coil pole connect-

ed to said first distribution line and wherein a series connection of a capacitor and a bi-directional AC switch is connected between a second coil pole of said second coil and a second distribution line connecting a second power input pole of said circuit to a second connection point for said second connection filament.



**Fig. 1**

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# EUROPEAN SEARCH REPORT

Application Number  
EP 00 87 0081

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.7)
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X	US 4 376 911 A (KANEDA ISAO) 15 March 1983 (1983-03-15) * column 1, line 25 - line 64; figure 1 *	1-5	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H05B
The present search report has been drawn up for all claims			
Place of search <b>THE HAGUE</b>		Date of completion of the search <b>6 November 2002</b>	Examiner <b>Maicas, J.</b>
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	

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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EP 00 87 0081

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
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06-11-2002

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