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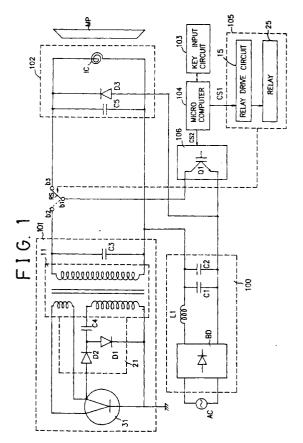
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(54) Microwave oven with induction heating function

(57)An improved microwave oven with an induction heating function capable of selectively using a microwave oven or an induction heat function without any interruptions from a microwave oven heating circuit and an induction heating circuit when cooking food, which includes a microcomputer for generating a cooking mode selection control signal and a pulse width modulation signal in accordance with a cooking mode selection key input and for controlling a selection operation of the microwave heating circuit and the induction heating circuit; a relay drive circuit for generating a first drive signal and a second drive signal in accordance with a cooking mode selection control signal outputted from the microcomputer and for outputting a certain drive signal; and first and second relays, selectively switched by the first drive signal or the second drive signal outputted from the relay drive circuit, for supplying an electric voltage of a power supply circuit to the microwave heating circuit and the induction heating circuit.





EUROPEAN SEARCH REPORT

Application Number EP 95 40 2456

Category	Citation of document with inc of relevant pass		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)	
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A	EP-A-0 318 645 (TOKYO SHIBAURA ELECTRIC CO) 7 June 1989 * abstract *		1		
A	FR-A-2 288 442 (MATS LTD) 14 May 1976 * claims 1,4 * * page 4, line 36 -	DUSHITA ELECTRIC IND CO	1		
A		E-736), 31 March 1989 ATSUSHITA ELECTRIC IND			
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A : technological background O : non-written disclosure P : intermediate document		&: member of the sa	& : member of the same patent family, corresponding document		

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