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EUROPEAN PATENT APPLICATION

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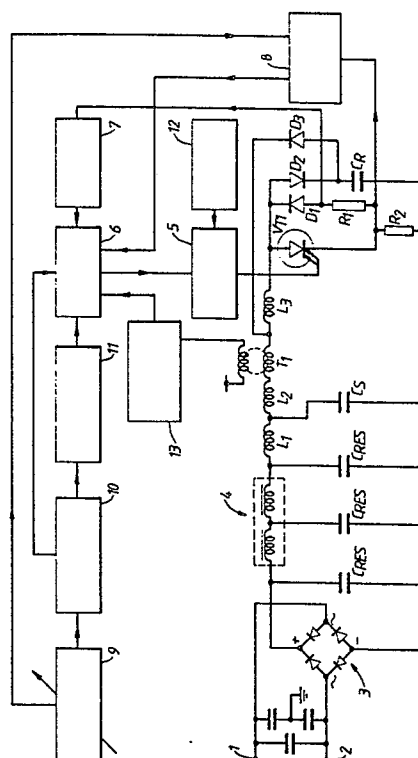
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⑤④ Improvements in or relating to induction heating circuits for cooking appliances.

⑤⑦ In an induction heating circuit for a cooking appliance, a pan sensing circuit (7) responds to current flow through a pan heating coil (L2) and inhibits the turning-on of a gate turn-off thyristor (VT1) controlling energisation of the pan coil (L2). In the event that the sensing circuit (7) indicates that a suitable utensil is located over the pan coil (L2), energisation of the latter is allowed, otherwise energisation is inhibited. An interrogation circuit (11) allows energisation at preset intervals during which sensing continues.





DOCUMENTS CONSIDERED TO BE RELEVANT			EP 87310359.2
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
A	US - A - 4 210 792 (HIGUCHI) * Abstract; fig. 1,2 * --	1	H 05 B 6/12 H 05 B 6/06
A	DE - A1 - 3 447 865 (KABUSHIKI) * Abstract; fig. 3 * --	1	
A	DE - A1 - 3 445 538 (SANYO) * Abstract; fig. 2 * ----	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 05 B 6/00
The present search report has been drawn up for all claims			
Place of search VIENNA		Date of completion of the search 30-09-1988	Examiner TSILIDIS
CATEGORY OF CITED DOCUMENTS			
<div>X : particularly relevant if taken alone</div> <div>Y : particularly relevant if combined with another document of the same category</div> <div>A : technological background</div> <div>O : non-written disclosure</div> <div>P : intermediate document</div> <div>T : theory or principle underlying the invention</div> <div>E : earlier patent document, but published on, or after the filing date</div> <div>D : document cited in the application</div> <div>L : document cited for other reasons</div> <div>& : member of the same patent family, corresponding document</div>			