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71 Applicant: **DAEWOO ELECTRONICS CO., LTD**
541, 5-Ga, Namdaemoon-Ro
Jung-Gu,
Seoul 100-095 (KR)

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72 Inventor: **Lim, Byung Kap**
11-24, Shilimbon-dong,
Kwanak-ku
Seoul (KR)

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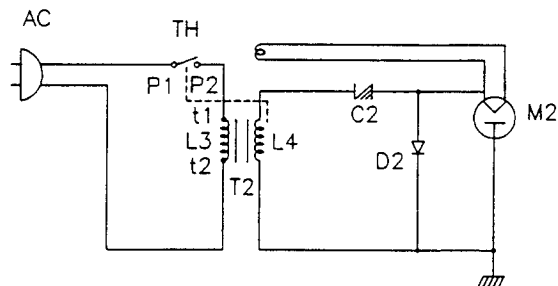
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74 Representative: **Eder, Thomas, Dr.-Ing.**
Eder & Schieschke,
Patentanwälte,
Elisabethstrasse 34
D-80796 München (DE)

54 **Device for preventing a high voltage transformer of a microwave oven from being overheated.**

57 Disclosed is a device for preventing a high voltage transformer T2 of a microwave oven from being overheated, which directly senses a temperature in a second coil L4 of the high voltage transformer T2 of the microwave oven and thereby supplies or cuts off power to the transformer T2 according to the temperature. In the device, a thermostat TH is opened/closed according to the temperature of the second coil L4 of the transformer T2 so as to regulate power supply to the first coil L3 of the transformer T2, and accordingly the transformer T2 is prevented from overheated.

FIG. 1



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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.6)
A	DE-A-37 41 381 (BOSCH-SIEMENS HAUSGERÄTE) * column 3, line 35 - line 60; figures 1-6 *	1,2	H05B6/66 H01F27/40
A	GB-A-1 383 789 (AMANA REFRIGERATION) * page 2, line 51 - page 3, line 31; figures 1-3 *	1,2	
A	US-A-4 454 554 (H.R. COLEMAN) * column 3, line 9 - line 45; figures 14-22 *	3,4	
A	EP-A-0 419 832 (ZUMTOBEL)		
A	EP-A-0 433 158 (THOMSON ELECTROMENAGER)		
A	FR-A-2 380 653 (N.V. PHILIPS GLOILAMPENFABRIEKEN)		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H05B H01F
Place of search		Date of completion of the search	Examiner
THE HAGUE		24 August 1995	Albertsson, E
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone		T : theory or principle underlying the invention	
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