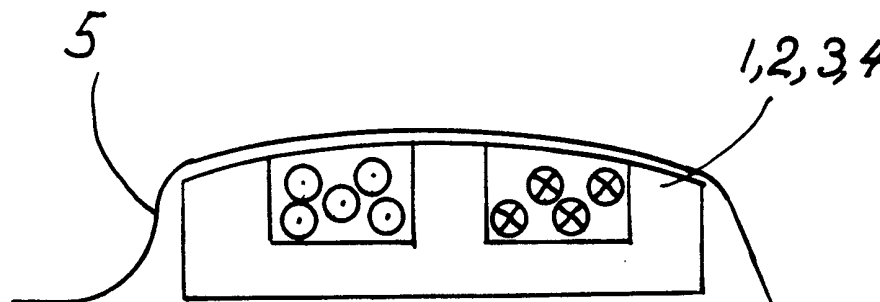




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<p>(21) International Application Number: PCT/DK99/00061</p> <p>(22) International Filing Date: 10 February 1999 (10.02.99)</p> <p>(30) Priority Data: 0193/98 10 February 1998 (10.02.98) DK</p> <p>(71) Applicant (for all designated States except US): AKTIEBOLAGET ELECTROLUX [SE/SE]; Luxbacken 1, Lilla Essingen, S-105 45 Stockholm (SE).</p> <p>(72) Inventors; and (75) Inventors/Applicants (for US only): ESKILDSEN, Christian [DK/DK]; Dammen 14, DK-5591 Gelsted (DK). ÖSTLUND, Pelle [SE/SE]; Ankdammsgatan 22, S-171 43 Solna (SE).</p> <p>(74) Agent: BROCK-NANNESTAD, George; Electrolux EPDH Tech-Centre, Sjaellandsgade 2, DK-7000 Fredericia (DK).</p>		<p>(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (Utility model), SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p> <p>(88) Date of publication of the international search report: 14 October 1999 (14.10.99)</p>

(54) Title: A COOKTOP



(57) Abstract

A replaceable cooktop for use with induction heating of cooking vessels is provided by separating the coil structures from the top surface. The top surface is a slab of an insulating material, such as wood, marble, or plastic provided with cavities on the lower side which correspond closely to the coil structures projecting from the mechanical structure below. The top is perfectly flat and may be used as a general kitchen worktable.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/DK 99/00061

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H05B 6/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC6: H05B, F24C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EDOC, WPIL, JAPIO

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0637898 A1 (KUSE, KOLJA), 8 February 1995 (08.02.95) --	1
A	GB 1473582 A (SACHS SYSTEMTECHNIK G.M.B.H.), 18 May 1977 (18.05.77) -- -----	1

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Date of the actual completion of the international search

24 August 1999

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Information on patent family members

02/08/99

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0637898 A1	08/02/95	SE 0637898 T3	
		AT 136722 T	15/04/96
		AU 2564895 A	21/12/95
		DE 59400190 D	00/00/00
		DK 637898 T	29/07/96
		ES 2086977 T	01/07/96
		GR 3020472 T	31/10/96
		WO 9533359 A	07/12/95

GB 1473582 A	18/05/77	AT 333395 B	25/11/76
		AT 339442 B	25/10/77
		AT 341629 B	27/02/78
		AT 376274 A	15/03/76
		AT 683075 A	15/02/77
		AT 892175 A	15/06/77
		BR 7404265 D	00/00/00
		CH 581937 A	15/11/76
		DE 2326633 A,B,C	12/12/74
		FR 2231177 A,B	20/12/74
		IT 1020624 B	30/12/77
		JP 1209833 C	29/05/84
		JP 50020231 A	04/03/75
		JP 58033676 B	21/07/83
		DE 2415086 A,C	16/10/75
