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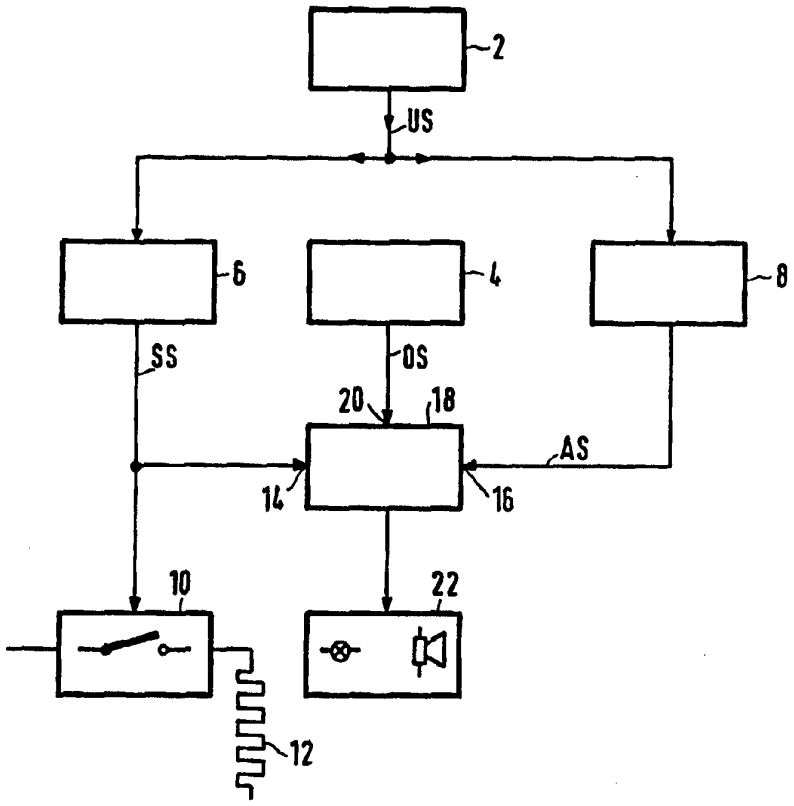
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(54) Title: SAFETY DEVICE FOR AN ELECTRIC HEATING APPLIANCE

(57) Abstract

An automatic shut-off and indication device for an electric heating appliance which comprises: means (2) for sensing usage of the appliance and for providing a usage-signal (US) indicating a non-usage of the appliance; means (10) for off-switching a heater (12) of the appliance in response to a switching signal (SS) derived from the usage-signal (US); means (4) for sensing orientation of the appliance and for providing an orientation signal (OS) for indicating different orientations of the appliance; means (18) for activating an indicator (22) in response to the switching signal (SS), the indicator (22) signalling the off-switching of the heater (12); and means (8) for providing a time delay between off-switching the heater (12) and activating the indicator (22), which time delay is dependent on the orientation signal (OS). The shut-off of the heater (12) is signalled to the user by the indicator (22). A different time-delay between shut-off and indication depending on the orientation of the appliance provides the possibility to postpone the indication when the appliance is shut off in a regular rest position, for instance the heel rest position of an electric pressing iron.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/IB 96/00309

A. CLASSIFICATION OF SUBJECT MATTER

IPC6: H05B 1/02, D06F 75/26
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, D06F

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4661685 A (R.F. CONTRI), 28 April 1987 (28.04.87), column 2, line 6 - line 16; column 2, line 41 - line 47, figures 1-4, abstract --	1-12
A	EP 0459559 A1 (NIDA S.R.L.), 4 December 1991 (04.12.91), column 3, line 11 - line 26, figure 4, abstract --	1-12
A	US 4203101 A (M.S. TOWNSEND), 13 May 1980 (13.05.80), column 3, line 7 - column 7, line 46, figures 1-5, abstract -- --------	1-12

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Date of the actual completion of the international search	Date of mailing of the international search report
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Information on patent family members

28/10/96

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US-A- 4661685	28/04/87	AU-A- 6238686	12/03/87
		CA-A- 1243718	25/10/88
		GB-A,B- 2179962	18/03/87
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