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7 August 2014

(54) Title: ENERGY SAVING, FAN FOOT HEATER WITH PRESENCE DETECTION

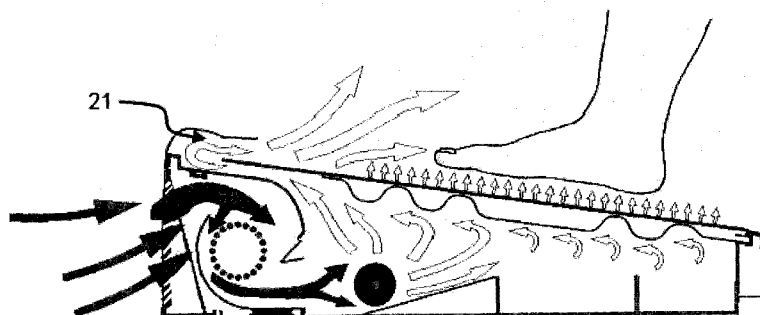


Figure 6

(57) Abstract: The invention is related to a foot heater (1) which operates when a pressure is applied on the upper surface, can also be operated by means of using the remote control (16) or pushing the On/Off button (23) disposed thereon, comprises power setting, switches on and shuts down by itself, is used generally as foot or environment heaters as well when required, enables both security and electricity saving by controlling the operation of the foot heater (1) continuously by means of the electronic circuit (9), comprises a heating coil (6), has an excessive heat protection thermostat (11) switching off in the event of excessive heating, comprises a body (2) directing the heated air through the discharge channels (21) by means of the fan (7) apart from heating of the upper surface.



INTERNATIONAL SEARCH REPORT

International application No  
PCT/TR2013/000310

A. CLASSIFICATION OF SUBJECT MATTER  
INV. A61F7/00 A61F7/08  
ADD.  
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)  
A61F A47K F24H

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

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/189125 A1 (LANCER HAROLD A [US]) 19 December 2002 (2002-12-19) paragraphs [0044] - [0057]; figures 1-5 paragraphs [0077] - [0080]; figures 11A-13 -----	1-9, 11-15
Y	US 2006/108852 A1 (BOUCHER LAURA [US]) 25 May 2006 (2006-05-25) paragraph [0011] paragraphs [0015] - [0016] paragraphs [0044] - [0055]; figures 1-6E -----	1-9, 11-15
Y	US 6 281 594 B1 (SARICH IVAN MARIJAN [US]) 28 August 2001 (2001-08-28) column 4, line 45 - column 5, line 27 column 7, line 27 - column 8, line 42; figures 1-3 column 9, line 27 - column 10, line 28; figures 4A-6 -----	1-9, 11-15
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Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search  28 March 2014	Date of mailing of the international search report  06/06/2014
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Schnurbusch, Daniel
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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/TR2013/000310

## Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
  
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
  
2.  As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.
  
3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
  
4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

1-9, 11-15

### Remark on Protest

- The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.
- The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.
- No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-9, 11-15

a foot heater comprising a distance detector to turn on and off the device and further comprises a fan, a cold-air inlet grille, cold and hot air separator and a thermostat.

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2. claim: 10

a foot heater comprising a remote control to turn on and off the device

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## INTERNATIONAL SEARCH REPORT

International application No  
PCT/TR2013/000310

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6 363 548 B1 (KUO TIAN-SHIANG [TW]) 2 April 2002 (2002-04-02) column 2, lines 45-57; figures 1-2 column 4, lines 5-24; figure 5 -----	1-9, 11-15
A	US 2006/027551 A1 (DEHLI HANS [US]) 9 February 2006 (2006-02-09) paragraphs [0012] - [0027]; figures 1-2 -----	1-9, 11-15
A	JP 2006 204474 A (SANYO ELECTRIC CO) 10 August 2006 (2006-08-10) paragraphs [0008] - [0018]; figures 5-9 paragraph [0029] -----	1-9, 11-15

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No PCT/TR2013/000310
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 2002189125	A1	19-12-2002	NONE	
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US 2006108852	A1	25-05-2006	NONE	
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