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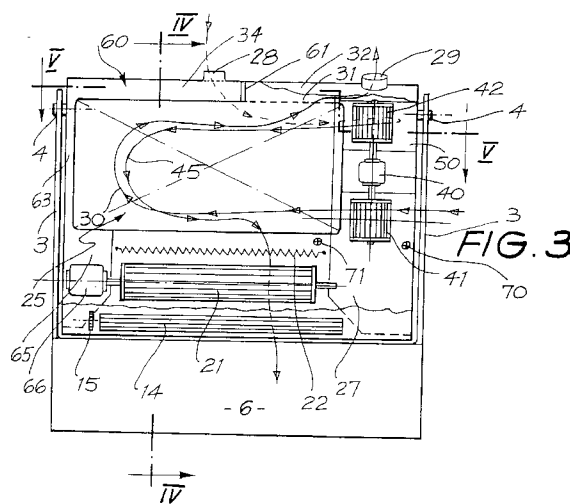
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(54) **Hot air drier.**

(57) A hot air drier has a heat exchanger (25) for transferring heat to a first flow path (45) from a second flow path (30). The first flow path (45) has a blower unit (14) and an electrical heater (22) for pre-heating outside air and discharging it into a confined space where clothing or body drying is carried out. The humidified air is drawn out of the space and into the second flow path (30). A motor (40) controlled by a temperature or humidity detector (70) operates a pair of fan impellers (41,42) at the entries of respective passages through the heat exchanger (25). During a start-up phase the motor (40) is not operated and a by-pass circuit allows the blower unit (14) to re-circulate air through the confined space so that the air temperature rises rapidly to optimum drying conditions prevail. The motor (40) is then operated. The drier operates economically without discharging hot humidified air into the surrounding room.





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EUROPEAN SEARCH REPORT

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EP 92 30 2213

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.5)
X	FR-A-2 511 761 (SCHONMANN)	1	A47K10/48
Y	* page 3, line 35 - page 6, line 3; figures *	5	D06F58/20
A	---	4	D06F58/14
X	FR-A-2 367 999 (BALTES)	1	
A	* page 5, line 8 - page 6, line 21; figures 1-6 *	4	
X	US-A-4 103 433 (TAYLOR)	1	
A	* column 4, line 28 - column 5, line 28; figures *	3	
A	---	1,2,3,6	
	EP-A-0 324 649 (CREDA LTD.)		
	* column 1, line 54 - column 3, line 12; figures *		
Y	---	5	
	FR-A-2 054 819 (EGISA-RAND)		
	* page 3, line 5 - line 17; figures *		
A	---	9	
	GB-A-951 737 (VIVIAN)		
	* page 2, line 5 - line 11; figures *		

The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.5) A47K D06F F26B
Place of search THE HAGUE		Date of completion of the search 30 NOVEMBER 1992	Examiner FORDHAM A.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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