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(54) **A hand dryer**

(57) A hand dryer of the type having installed inside its body (1) a motor-blower-resistance assembly (5) suctioning ambient air from an inlet (6, 11') being provided in said body and expelling said air once heated to the outside through an outlet (11'', 7) also being provided in said body. With respect to the known dryers of the same type this dryer is characterized in that said motor-blower-resistance assembly (5) is arranged in a slanted arrangement inside the body (1), and the air outlet duct (8) has a tapered configuration and is provided with fences (22) thus bringing about an improved air suction and discharge by minimizing the air pressure losses and aerodynamically and fluidly optimizing the air flow path. The slanted arrangement of the motor-blower-resistance assembly (5) does as well facilitate its placement inside the body (1) thereby allowing to make the most of the physical dimensions of said assembly and to selectively install in it two different types of electric motor (12).

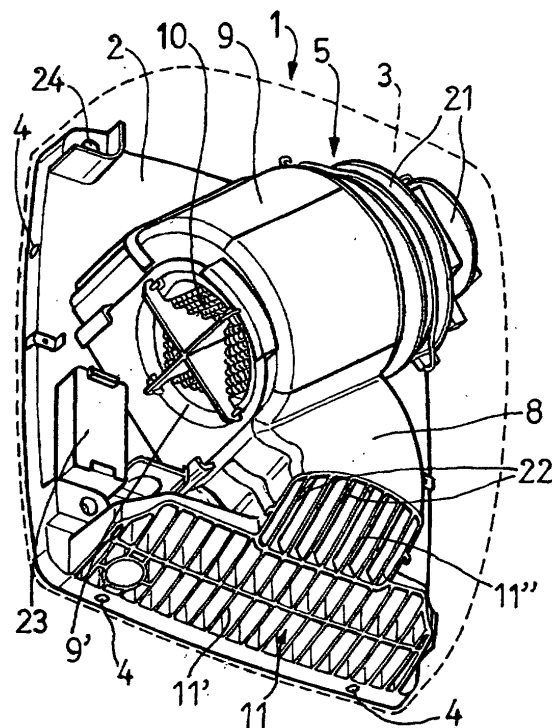


Fig. 1



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
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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.7)
X	DE 296 01 368 U (STIEBEL ELTRON GMBH & CO KG) 14 March 1996 (1996-03-14) * the whole document *	1-3	A47K10/48
A	DE 86 10 579 U (BAEGE) 24 July 1986 (1986-07-24) * the whole document *	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			A47K
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 22 September 2003	Examiner Vrugt, S
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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