#### (12)

## **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3: **21.01.2009 Bulletin 2009/04** 

(51) Int Cl.: **D06F** 58/28 (2006.01)

(43) Date of publication A2: 17.05.2006 Bulletin 2006/20

(21) Application number: 05001445.5

(22) Date of filing: 25.01.2005

(84) Designated Contracting States:

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR Designated Extension States:

AL BA HR LV MK YU

(30) Priority: 12.11.2004 KR 2004092561

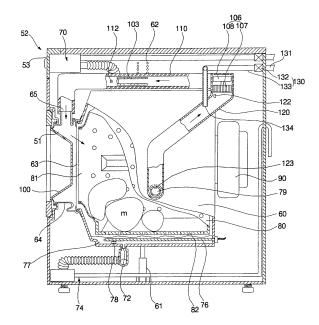
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### (54) Drying control method for washing machines with drying functions/drying machines

(57)A drying control method for washing machines with drying functions/drying machines comprises an air temperature-measuring step of heating air passing through a heater duct (110) by means of a heater (103) during a drying operation of the washing machine with drying function or the drying machine, and measuring at least one of the temperature (Tin) of air before being heated and the temperature (Tout) of air after being heated about the heater (103), a load-calculating step of calculating total load, the sum of the amount of laundry and moisture content contained in the laundry, using a ratio of the change in temperature to the change in time at a specific section while the temperature (Tin or Tout) of the air is measured at the air temperature-measuring step, a moisture content-calculating step of calculating the moisture content contained in the laundry using a ratio of the change in temperature to the change in time at another specific section next to the specific section of the load-calculating step, and a drying operation-controlling step of controlling the drying operation of the washing machine with drying function or the drying machine according to the total load and the moisture content calculated at the load-calculating step and moisture contentcalculating step. According to the drying control method, it is possible to more accurately estimate drying time using moisture content contained in the laundry and more efficiently control the drying operation corresponding to various load conditions.

FIG. 2



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# **EUROPEAN SEARCH REPORT**

Application Number EP 05 00 1445

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Category	Citation of document with in of relevant passa	dication, where appropriate, ages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
A	EP 0 573 703 A (WHI 15 December 1993 (1	RLPOOL EUROP [NL])	1	INV. D06F58/28	
				TECHNICAL FIELDS SEARCHED (IPC)  D06F	
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	The present search report has be Place of search	peen drawn up for all claims  Date of completion of the search	1,	Examiner	
		15 December 200	رم ا	Courrier, Gilles	
The Hague  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 princ E : earlier patent c after the filing c  or  D : document cite L : document cite	T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document oited in the application L: document cited for other reasons  8: member of the same patent family, corresponding document		

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

EP 05 00 1445

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15-12-2008

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