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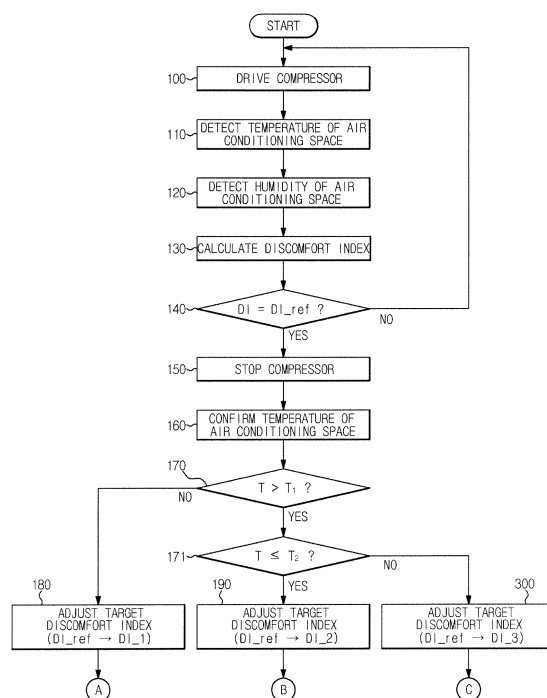
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(54) **Control method of air conditioner**

(57) Disclosed herein is a control method of an air conditioner that is capable of controlling a cooling operation by adjusting a target discomfort index according to a temperature or a temperature band of the air conditioning space when a discomfort index of the air conditioning

space reaches the target discomfort index, thereby preventing the execution of an unnecessary cooling operation within a range not to affect the comfort of a user and thus reducing power consumption.

FIG. 7





PARTIAL EUROPEAN SEARCH REPORT

Application Number

under Rule 62a and/or 63 of the European Patent Convention.
This report shall be considered, for the purposes of subsequent proceedings, as the European search report

EP 09 15 8411

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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 (IPC)
A	JP H11 108418 A (NKS KK) 23 April 1999 (1999-04-23) * abstract *	1-8	INV. F24F11/00
A	----- US 5 170 935 A (FEDERSPIEL CLIFFORD C [US] ET AL) 15 December 1992 (1992-12-15) * column 5 - column 7; claims 9-13; figures 3,5 *	1-8	
A	----- US 2006/260334 A1 (CAREY STEVEN L [US] ET AL) 23 November 2006 (2006-11-23) * paragraph [0009] - paragraph [0012]; claim 1; figure 2 *	1-8	
A	----- US 6 402 043 B1 (COCKERILL JOHN F [US]) 11 June 2002 (2002-06-11) * column 4 - column 11; claims 1,11,23; figures 2a, 2b *	1-8	
A	----- WO 2007/027632 A2 (SIEMENS BUILDING TECH AG [US]; AHMED OSMAN [US]) 8 March 2007 (2007-03-08) * page 5, line 15 - page 6, line 23; figures 3-5 *	1-8	
			TECHNICAL FIELDS SEARCHED (IPC)
			F24F F25B G05D
INCOMPLETE SEARCH			
The Search Division considers that the present application, or one or more of its claims, does/do not comply with the EPC so that only a partial search (R.62a, 63) has been carried out.			
Claims searched completely :			
Claims searched incompletely :			
Claims not searched :			
Reason for the limitation of the search: see sheet C			
Place of search		Date of completion of the search	Examiner
Munich		22 July 2014	Anconetani, Mirco
CATEGORY OF CITED DOCUMENTS		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	
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		& : member of the same patent family, corresponding document	

EPO FORM 1503 03.02 (P04E07)



**INCOMPLETE SEARCH
SHEET C**

Application Number
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Claim(s) completely searchable:
1-8

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Claim(s) not searched:
9-15

Reason for the limitation of the search:

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The search has been restricted to the subject-matter indicated by the applicant in his letter of 18th June 2014 filed in reply to the invitation pursuant to Rule 62a(1) EPC. Hence, the search report has been drawn up on the basis of independent claim 1 and the claims dependent thereon.

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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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22-07-2014

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82