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18859846.0 / 3 686 508

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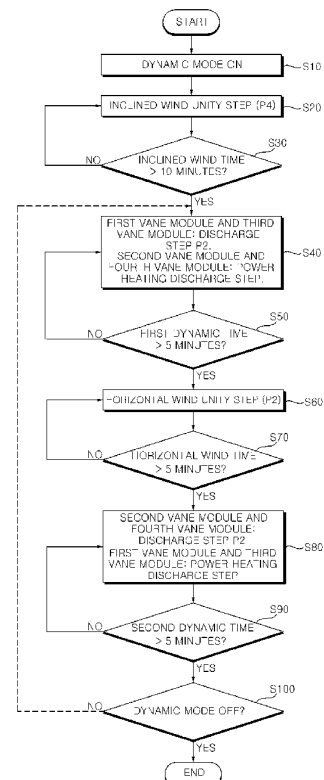
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(54) **CEILING-MOUNTED INDOOR UNIT FOR AIR CONDITIONER**

(57) Opposite two of four vane modules constitute a first discharge pair, the other two constitute a second discharge pair, and the first discharge pair and the second discharge pair alternately provide indirect wind and direct wind, whereby it is possible to rapidly heat a room. In addition, the first discharge pair and the second discharge pair discharge air at different angles, whereby it is possible to minimize a dead zone that discharged air does not reach.

Fig. 23





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 23 21 0488

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	EP 2 899 472 A1 (LG ELECTRONICS INC [KR]) 29 July 2015 (2015-07-29) * paragraph [0095] - paragraph [0110]; figures 1-5,9-10 *	1-12	INV. F24F13/14 F24F1/00 F24F1/0011 F24F1/0047
A	EP 0 950 867 A2 (FUJITSU GENERAL LTD [JP]) 20 October 1999 (1999-10-20) * paragraph [0040] - paragraph [0054]; figures 1-2 *	1-12	F24F11/61 F24F11/65 F24F11/79
A	EP 1 327 829 A1 (MITSUBISHI ELECTRIC CORP [JP]) 16 July 2003 (2003-07-16) * paragraph [0002] - paragraph [0006]; figures 3-4 *	1-12	ADD. F24F13/06
A	EP 2 860 462 A1 (LG ELECTRONICS INC [KR]) 15 April 2015 (2015-04-15) * paragraph [0037] - paragraph [0056]; figures 1-7 *	1-12	
			TECHNICAL FIELDS SEARCHED (IPC)
			F24F

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

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Place of search	Date of completion of the search	Examiner
Munich	2 July 2024	Blot, Pierre-Edouard
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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INCOMPLETE SEARCH
SHEET C

Application Number

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Claim(s) completely searchable:

-

Claim(s) searched incompletely:

1-12

Reason for the limitation of the search:

The amendments filed introduce subject-matter which extends beyond the content of the parent application EP18859846 as filed, contrary to Article 76(1) EPC. The amendments concerned are all the amendments made in the claims. The applicant doesn't give any basis for the amendments carried out. Also, the present division doesn't see any basis for said amendments.

For example in claim 1, there isn't any basis for all the amendments by addition, deletion or reformulation to claim 1.
The same argumentation applies to all the dependent claims.

As the claims contravene the requirements of Art. 76(1) EPC, the examiner faced the following situation: There are substantial non-allowable amendments in the claims. The examiner therefore issued an invitation under Rule 63(1) prior to starting the search (see B-VIII, 3(iv)).

The applicant filed with his letter of 29.04.2024 a new set of claims 1 to 9 for the purpose of indicating the subject-matter to be searched.

The examiner is not sure if it's clear to the applicant that he is not allowed to file new claims according to R.137(1) EPC.

The previous invitation under Rule 63(1) was inviting the applicant to file a statement indicating the subject-matter to be searched. A new set of claims cannot be considered as a statement indicating the subject-matter to be searched.

Therefore, the examiner searched on the basis of the embodiments in the description on p.21 - 152. No opinion can be given on novelty and inventive step of the claims, hence no opinion is given.

However, if the applicant wishes to pursue the procedure, his attention is drawn to the fact that the application may not be amended in such a way that it contains subject-matter which extends beyond the content of the parent application as filed (Article 76(1) EPC).

**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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02-07-2024

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