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- (71)

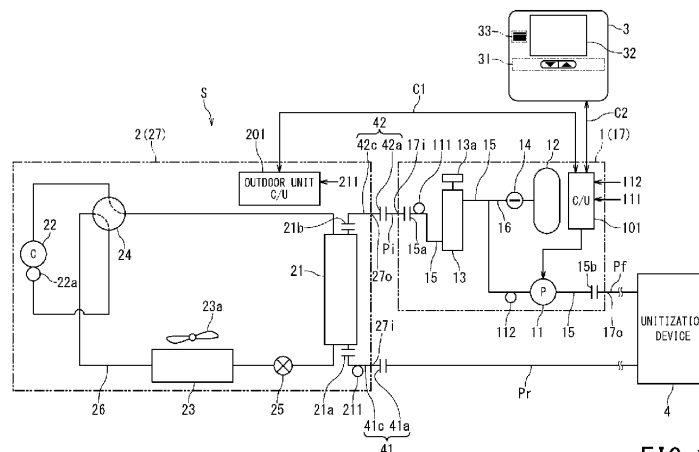
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(54)

HEAT SOURCE SYSTEM AND INDOOR UNIT OF HEAT SOURCE SYSTEM

- (57)

A heat source system S includes: an indoor unit 1 that includes an expansion tank 12 and a pump 11 configured to circulate utilization fluid; and an outdoor unit 2 that includes a refrigeration cycle apparatus. The refrigeration cycle apparatus includes a water heat exchanger 21 that exchanges heat between a refrigerant and the utilization fluid, and is configured such that the refrigerant circulates through the water heat exchanger 21. The indoor unit 1 is connected to the outdoor unit 2 via
- a relay pipe Pi, and also connected to a utilization device 4 via an outgoing pipe Pf so that the utilization fluid having passed through the water heat exchanger 21 is supplied to the utilization device 4 via the relay pipe Pi, the indoor unit 1, and the outgoing pipe Pf. A return pipe Pr for introducing the utilization fluid after use in the utilization device 4 into the outdoor unit 2 is directly connected to the outdoor unit 2 without passing through the indoor unit 1.





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 24 17 5352

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	EP 3 336 453 A1 (MITSUBISHI ELECTRIC CORP [JP]) 20 June 2018 (2018-06-20) * paragraphs [0011], [0012]; figure 1 * -----	1 - 7	INV. F25B13/00 F25B25/00 F25B49/02
X	CN 101 644 456 A (LG ELECTRONICS INC KR) 10 February 2010 (2010-02-10) * page 1 * -----	1 - 7	F24D11/02 F24D19/10
			TECHNICAL FIELDS SEARCHED (IPC)
			F25B F24D
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		7 January 2025	Gaspar, Ralf
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 & : member of the same patent family, corresponding document	
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			

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INCOMPLETE SEARCH
SHEET C

Application Number

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Claim(s) completely searchable:

1-7

Claim(s) not searched:

8-11

Reason for the limitation of the search:

According to Rule 43(2) EPC only one independent claim per category is allowable. This requirement is not met since the claims 1 and 8 are independent claims directed to an apparatus.

Moreover they do not fulfil the requirements for allowable independent claims mentioned under Rule 43(2) EPC a), b) or c) since their subject-matter does not

a) involve a plurality of interrelated products,

b) involve different uses of an apparatus or

c) involve alternative solutions to a particular problem, where the coverage by a single claim would be inappropriate.

Therefore the applicant was requested to restrict the subject-matter to indicate the one independent claim per category to be searched according Rule 62a EPC.

In reply to the invitation to indicate the claims on which the search is to be based, the applicant failed to supply the requested indication in due time. Therefore, the search report has been drawn up on the basis of the first independent claim of each category (Rule 62a(1) EPC), in fact to claim 1 and its dependent claims.

The applicant's attention is drawn to the fact that the application will be further prosecuted on the basis of subject-matter for which a search has been carried out and that the claims should be limited to that subject-matter at a later stage of the proceedings (Rule 62a(2) 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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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82