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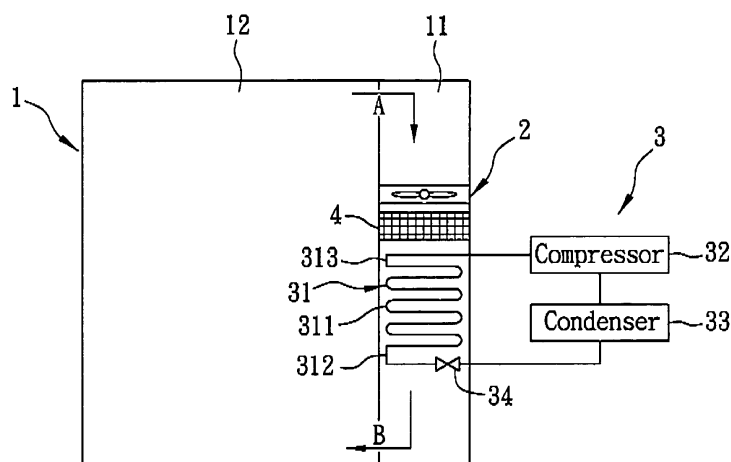
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(54) **Refrigerating apparatus**

(57) A refrigerating apparatus includes: a storage compartment (1), an air-circulating member (2), a refrigerating unit (3), and an electric field-generating unit (4). The storage compartment (1) has an evaporator-side region (11) and a cooling-side region (12). The air-circulating member (2) is disposed to establish an air circulation path in which a to-be-cooled air flows from the cooling-side region (12) to the evaporator-side region (11) along an onward flow route (A), and in which a cooled air flows

from the evaporator-side region (11) back to the cooling-side region (12) along a backward flow route (B). The refrigerating unit (3) includes an evaporator (31) disposed in the evaporator-side region (11), a compressor (32), and an expansion valve (34). The electric field-generating unit (4) is disposed to impose a DC voltage over the onward flow route (A) so as to minimize cohesion of water droplets in the evaporator-side region (11), thereby reducing phenomenon of frosting on the conduit body (311) of the evaporator (31).



**FIG. 1**



## EUROPEAN SEARCH REPORT

Application Number  
EP 08 25 2985

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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			TECHNICAL FIELDS SEARCHED (IPC)
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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 8 March 2011	Examiner Jessen, Flemming
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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EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT  
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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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08-03-2011

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