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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), 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).

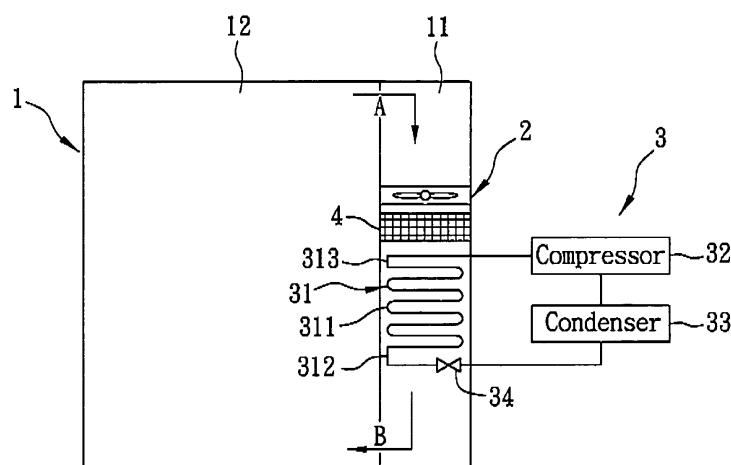


FIG. 1



EUROPEAN SEARCH REPORT

Application Number

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TECHNICAL FIELDS SEARCHED (IPC)			
F25D			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search		Examiner
Munich	8 March 2011		Jessen, Flemming
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
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