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(54) **Air-conditioning apparatus and method**

(57) An air-conditioning apparatus includes upper and lower chambers (21, 22), and first and second heat exchange units (3, 4) respectively disposed in the upper and lower chambers (21, 22) and respectively having first and second working fluids (30, 40). The first heat exchange unit (3) has a condenser (31) and a first fan (32) adapted to draw air into the upper chamber (21) for exchange of heat with the condenser (31). The second heat exchange unit (4) has an evaporator (41) and a second fan (42) adapted to draw air into the lower chamber (22) for exchange of heat with the evaporator (41). First and second tubing units (6, 7) are respectively connected to the condenser (31) and the evaporator (41) and each has a heat exchange tube section (61, 71). The heat exchange tube sections (61, 71) of the first and tubing units (6, 7) are associated with each other such that the second working fluid (40) transfers heat to the first working fluid (30).

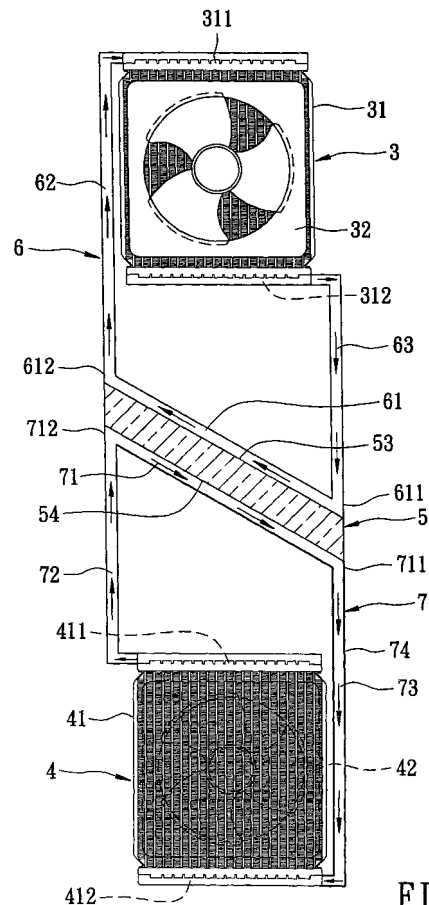


FIG. 2

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EUROPEAN SEARCH REPORT

Application Number
EP 07 25 3053

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The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 30 March 2009	Examiner Correia dos Reis, I
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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Application Number
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ANNEX TO THE EUROPEAN SEARCH REPORT
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