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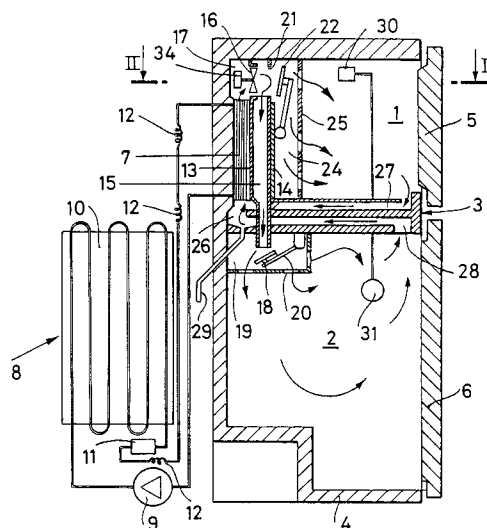
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c/o Marchi & Mittler s.r.l. Viale Lombardia, 20
I- 20131 Milano (IT)(54) **No-frost plural-compartment refrigerator.**

(57) The refrigerator comprises at least two compartments (1, 2), one (1) at lower temperature and the other (2) at higher temperature, and a frigorific circuit (8) including an evaporator (7) in a position of thermal exchange with the compartment (1) at lower temperature, a condenser (10) and a compressor (9) that can be disconnected periodically when the temperature inside the compartment (1) at lower temperature falls below a pre-set minimum value. A fan (16) determines a forced circulation of air through said evaporator (7) and inside said compartments (1, 2). There are valve means (22) that, when the compressor (9) is disactivated, are in a position where they close the compartment (1) at lower temperature against said forced circulation of air and where they convey all said air to the compartment (2) at higher temperature.

**Fig.1****EP 0 541 172 A3**



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EUROPEAN SEARCH REPORT

Application Number

EP 92 20 3374

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
|--|--|---|---|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int. Cl.5) |
| X | US-A-4 481 787 (LYNCH) * column 6, line 7 - column 7, line 25; figure 1 * --- | 1,2,4,5 | F25D17/06 F25D21/04 |
| X A | US-A-3 248 893 (MCLEAN) * column 4, line 46 - line 64; figure 2 * --- | 1,3,4 5 | |
| X A | US-A-3 248 894 (HARBOUR) * column 4, line 35 - line 55; figure 2 * ----- | 1,3,4 5 | |
| | | | TECHNICAL FIELDS SEARCHED (Int. Cl.5) |
| | | | F25D |
| The present search report has been drawn up for all claims | | | |
| Place of search THE HAGUE | | Date of completion of the search 26 MARCH 1993 | Examiner BAECKLUND O.A. |
| 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 | | | |