



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.04.2010 Bulletin 2010/16

(51) Int Cl.:
F25B 31/00 (2006.01)

(43) Date of publication A2:
12.11.2008 Bulletin 2008/46

(21) Application number: **08008160.7**

(22) Date of filing: **29.04.2008**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR
Designated Extension States:
AL BA MK RS

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(30) Priority: **09.05.2007 IT PN20070034**

(54) **Refrigeration apparatus with improved refrigeration unit**

(57) Refrigeration apparatus with a refrigerating unit provided on top of the refrigerator cabinet, and comprising a compressor, an evaporator, a condenser, a fan conveying an air flow towards said compressor, wherein the condenser is in the shape of an inverted U being spatially extended and having its open side substantially coinciding onto the top wall of the refrigerator cabinet. The compressor and the fan are arranged within the downward

facing cavity of the condenser. Between an outer edge of the condenser and the top wall of the cabinet extending thereunder there is provided a substantially closed, i.e. sealed wall; the compressor is located under the opposite side of the condenser, while the fan is located between said sealed wall and said compressor. The invention enables the fan to be automatically guarded against accidental contacts and, at the same time, the energy efficiency of the refrigerating unit to be improved.

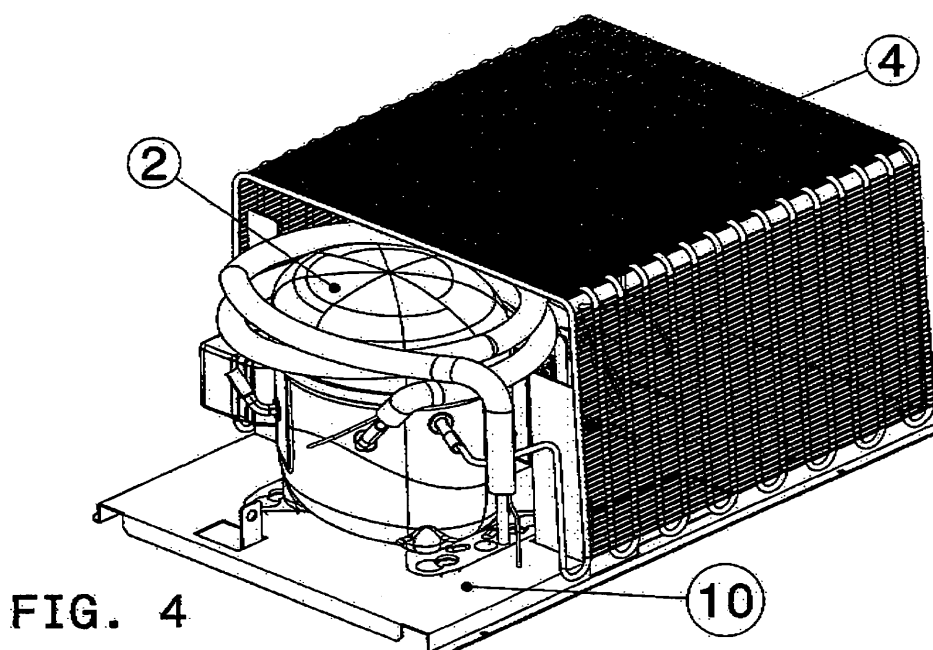


FIG. 4



EUROPEAN SEARCH REPORT

Application Number
EP 08 00 8160

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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 9 March 2010	Examiner Ritter, Christoph
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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EPO FORM 1503 03/82 (P04/C01)

**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.
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