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(54) **Defrosting system for cooling devices**

(57) Incorporated into known cooling system (1) of cooling devices, the defrosting system (2) of the invention has been developed for defrosting the frost accumulated on the evaporator (7). When the system (2) is activated, the hot refrigerant, which passes through the valve (8 or 16) at the outlet of the compressor (3), is directly directed to at least one condenser (9) in the freezing compartment. The condenser (9) here exchanges heat with the evaporator (7) in the cooling system (1). Since the temperature of the gas that passes through the condenser (9) is higher than the temperature of the evaporator (7), the condenser heats the evaporator (7) and defrosts the frost accumulated on the evaporator.

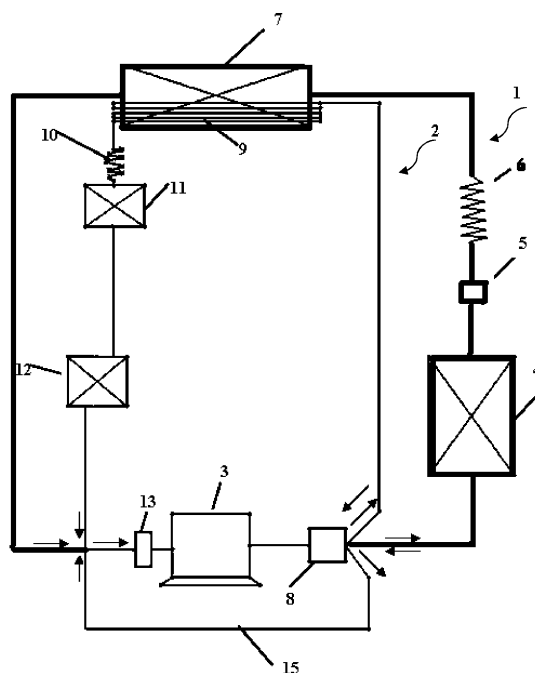


Figure - 1



EUROPEAN SEARCH REPORT

 Application Number
EP 10 17 7793

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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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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC) F25B
Place of search The Hague		Date of completion of the search 30 November 2011	Examiner de Graaf, Jan Douwe
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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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.
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