

Title (en)  
Improvements in and relating to refrigeration method and apparatus.

Title (de)  
Verfahren und Vorrichtung zur Kühlung.

Title (fr)  
Procédé et appareil de réfrigération.

Publication  
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Application  
**EP 94306390 A 19940831**

Priority  
GB 9318385 A 19930904

Abstract (en)  
Refrigeration apparatus is capable of operating in i) vapour compression mode or ii) thermosyphon mode. The apparatus defines a refrigerant path includes a compressor (12), a condenser (14), an expansion valve (16) and a chiller (18) where the refrigerant absorbs heat from fluid to be cooled. The refrigeration circuit includes valves (26, 28) configurable for selectively directing refrigerant i) to pass through the compressor (12) and expansion valve (16) or ii) to bypass the compressor and expansion valve. A thermal store (20) is provided and is i) cooled while the apparatus operates in the vapour compression mode and ii) provides a chilling effect during changeover to thermosyphon mode. <IMAGE>

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**F25B 25/00** (2013.01); **F25D 16/00** (2013.01); **F25B 2400/0401** (2013.01); **F25B 2400/0411** (2013.01)

Citation (search report)

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