

Title (en)
REFRIGERATION PLANT AND METHODS OF CONTROL THEREFOR

Title (de)
KÜHLANLAGE UND STEUERVERFAHREN DAFÜR

Title (fr)
INSTALLATION RÉFRIGÉRANTE ET PROCÉDÉS DE RÉGULATION

Publication
EP 2491321 A2 20120829 (EN)

Application
EP 10773962 A 20101022

Priority
• GB 0918635 A 20091023
• GB 2010051782 W 20101022

Abstract (en)
[origin: GB2474696A] A refrigeration plant has a refrigerator circuit comprising a compressor 10, a condensing coil 14, an expansion valve 20 and an evaporator 18. Heat is absorbed in the evaporator and exhausted at the condenser. Pressure is measured at the compressor inlet and a blower arrangement for blowing cool air over a heat transfer surface of the condenser is controlled in dependence upon the pressure measurement by a controller 16. The controller may be coupled to a transducer 16a to provide a variable output indicative of pressure in the low pressure circuit. A further sensor 16b may also be included to control the blower based on a difference between a determined discharge pressure and a measured discharge pressure, the determined discharge pressure being determined by the fluid pressure at the compressor inlet.

IPC 8 full level
F25B 49/02 (2006.01)

CPC (source: EP GB)
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Citation (search report)
See references of WO 2011048428A2

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