

Title (en)  
REFRIGERATING CYCLE

Title (de)  
KÜHLZYKLUS

Title (fr)  
CYCLE DE REFRIGERATION

Publication  
**EP 1541939 A1 20050615 (EN)**

Application  
**EP 03765359 A 20030723**

Priority  
• JP 0309319 W 20030723  
• JP 2002213624 A 20020723

Abstract (en)  
A refrigerating cycle which provides refrigerant circulation quantities corresponding to seasons, which can avoid overheat operation or wet operation, which does not require the use of a flow adjusting valve or the like, and which can be constructed at low costs. In this refrigerating cycle, a refrigerant delivered from a compressor (15) is caused to flow back to the compressor (15) successively through a gas cooler (16), a pressure reducing mechanism (17), and an evaporator (18). A refrigerant passage (22) and a refrigerant regulation vessel (30) which are disposed between the pressure reducing mechanism (17) and the evaporator (18) are interconnected through a connection passage (31). The refrigerant regulation vessel (30) is disposed in a temperature environment which changes dependent on the outside air temperature. <IMAGE>

IPC 1-7  
**F25B 1/00**

IPC 8 full level  
**F25B 1/00** (2006.01); **F25B 45/00** (2006.01); **F25B 9/00** (2006.01); **F25B 40/00** (2006.01)

CPC (source: EP)  
**F25B 45/00** (2013.01); **F25B 9/008** (2013.01); **F25B 40/00** (2013.01); **F25B 2309/061** (2013.01); **F25B 2339/047** (2013.01); **F25B 2400/01** (2013.01); **F25B 2400/16** (2013.01); **F25B 2700/2106** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 1541939 A1 20050615**; **EP 1541939 A4 20080423**; AU 2003252242 A1 20040209; JP 2004053191 A 20040219; JP 3963134 B2 20070822; WO 2004010060 A1 20040129

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**EP 03765359 A 20030723**; AU 2003252242 A 20030723; JP 0309319 W 20030723; JP 2002213624 A 20020723