

Title (en)
REFRIGERATING CYCLE

Title (de)
KÜHLZYKLUS

Title (fr)
CYCLE DE REFRIGERATION

Publication
EP 1541939 A1 20050615 (EN)

Application
EP 03765359 A 20030723

Priority
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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>

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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)

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