

Title (en)  
A refrigerating cycle

Title (de)  
Kältekreislauf

Title (fr)  
Circuit frigorifique

Publication  
**EP 0916914 A3 20020102 (EN)**

Application  
**EP 98118939 A 19981007**

Priority  
• JP 31326197 A 19971114  
• JP 8863798 A 19980401  
• JP 17042398 A 19980618

Abstract (en)  
[origin: EP0916914A2] A refrigerating cycle with a by-pass duct 5 in which heat exchange for heating is arranged to be performed in an evaporator 4 without passing refrigerant through a condenser 2 is designed to perform an auxiliary heating mode suitable for the instantaneous conditions by controlling the amount of refrigerant circulating in response to the load and the like. Said by-pass duct 5 for supplying the refrigerant from the compressor 1 to the evaporator 4 without passing it through the condenser 2 is placed in juxtaposition. Between the outlet of the evaporator 4 and the inlet of the compressor 1 an accumulator 6 for temporarily storing low-pressure refrigerant liquid is provided so that the amount of refrigerant circulating is controlled by accumulator 6 while the refrigerant circulates via by-pass duct 5 without passage through condenser 2. <IMAGE>

IPC 1-7  
**F25B 41/04**; B60H 1/00

IPC 8 full level  
**F25B 1/00** (2006.01); **B60H 1/22** (2006.01); **F25B 41/04** (2006.01); **F25B 43/00** (2006.01)

CPC (source: EP US)  
**F25B 41/20** (2021.01 - EP US); **F25B 41/24** (2021.01 - EP US); **F25B 41/22** (2021.01 - EP US); **F25B 43/006** (2013.01 - EP); **F25B 2400/0403** (2013.01 - EP); **F25B 2400/0411** (2013.01 - EP)

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Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0916914 A2 19990519**; **EP 0916914 A3 20020102**; JP 3481138 B2 20031222; JP H11344263 A 19991214

DOCDB simple family (application)  
**EP 98118939 A 19981007**; JP 17042398 A 19980618