

Title (en)  
REFRIGERATING UNIT

Publication  
**EP 0165220 B1 19880713 (EN)**

Application  
**EP 85850192 A 19850531**

Priority  
SE 8403158 A 19840613

Abstract (en)  
[origin: EP0165220A2] In a refrigerating unit with a cooling evaporator (16) in a cooling chamber (12) and a freezing evaporator (18) in a freezing chamber (14) a common compressor (20) is arranged via a switchable valve (22) to force either refrigerant in proper order through the cooling evaporator (16) and the freezing evaporator (18) or only through the freezing evaporator (18). A means (28) is arranged on the cooling evaporator (16) to sense its temperature, the means (28) controlling that refrigerant is supplied to the cooling evaporator (16) when the temperature goes above a certain higher value which allows the cooling evaporator to defrost and controlling that the supply of refrigerant to the cooling evaporator (16) is cut off when the temperature goes below a certain lower value which ensures that the cooling chamber gets a sufficient cooling capacity. To prevent goods in the cooling chamber (12) from freezing when freezing of goods takes place in the freezing chamber (14) a heat-insulating insert (30) is arranged between the means (28) and the cooling evaporator (16).

IPC 1-7  
**F25D 29/00**; **F25D 11/02**

IPC 8 full level  
**F25D 11/02** (2006.01); **F25D 29/00** (2006.01); **F25B 5/04** (2006.01)

CPC (source: EP)  
**F25D 11/022** (2013.01); **F25D 29/005** (2013.01); **F25B 5/04** (2013.01); **F25B 2600/2511** (2013.01)

Cited by  
US4741178A; EP0344351A1; EP0246465A1; EP1180653A4; CN107543363A; US6684659B1

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