

Title (en)
COOLING STORAGE

Title (de)
KÜHLLAGERUNG

Title (fr)
CHAMBRE RÉFRIGÉRÉE

Publication
EP 1783445 A1 20070509 (EN)

Application
EP 05767002 A 20050727

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Abstract (en)
A cooler chamber 23 is defined by laying a wall 40 which also serves as a drain pan in a ceiling part of a storage chamber 12, and a cooler 28 is housed in its back side. A heater 50 for defrosting is arranged on a body part 52 of a heating plate 51 in a staggered state, and the body part 52 is mounted to an undersurface of the cooler 28. A fan fitting part 56 is formed to extend from a front edge of the body part 52 in a diagonal posture raised at the front, and a mounting part 58 at its tip end is fixed to a unit base 21. A fan device 60 for cooling is fitted to the fan fitting part 56. There is the possibility of frost forming on the fan device 60, but when the heater 50 is heated in the defrosting operation, the heat is transferred to the fan device 60 through the heating plate 51, and defrosting of the fan device 60 is efficiently performed by receiving the heat. The defrost water is received by a cooling duct 40, and is drained from a drain port 48.

IPC 8 full level
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Citation (search report)
See references of WO 2006013762A1

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