

Title (en)
COOLING BOX

Title (de)
KASTENFÖRMIGE KÜHLVORRICHTUNG

Title (fr)
BOITE DE REFROIDISSEMENT

Publication
EP 1780483 A1 20070502 (EN)

Application
EP 05758333 A 20050707

Priority
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Abstract (en)
The controller (86) of a cooling box is configured such that when the temperature (Th) of the warm head of a Stirling refrigerating machine (30) exceeds a reference temperature (Th1), it maximizes the speed of a heat radiation fan (53) and the output of a circulation pump (61), and minimizes the output of the Stirling refrigerating machine (30). If the temperature (Th) of the warm head exceeds a critical temperature (Th2) even after this control, it stops the Stirling refrigerating machine (30). Therefore, as compared with the case of stopping the Stirling refrigerating machine (30) immediately after the temperature (Th) of the warm head has exceeded the critical temperature (Th2), the reliability of the cooling box can be improved.

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