

Title (en)  
COOLING CONTAINER FOR AIRCRAFT

Publication  
**EP 0166086 B1 19890719 (DE)**

Application  
**EP 85103556 A 19850326**

Priority  
DE 3420256 A 19840530

Abstract (en)  
[origin: US4614091A] Process and Device for heat removal from the effective area of a cooling container with the application of dry-ice as cooling agent, where a refrigerant (e.g. FREON) is circulated in a closed pipe system. According to the construction and degree of charge the gravity cooling system (thermosyphon) or evaporation principle with natural circulation is used to take up the heat from interior space and to supply it to dry-ice as heat of sublimation. The systems of heat transfer are arranged in such a way that even for the inclined cooling container, e.g. at the time of aircraft take-off, at least half of the diagonally arranged heat transfer systems in the interior part are fully active to provide sufficient cooling.

IPC 1-7  
**F25D 3/12**

IPC 8 full level  
**F25D 3/12** (2006.01)

CPC (source: EP US)  
**F25D 3/125** (2013.01 - EP US)

Cited by  
DE202006011143U1; FR2626554A1; FR2629799A2; FR2767771A1; FR2761144A1; FR2725265A1; EP0337860A3; US4964283A

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