

Title (en)

System for keeping cool food in an aircraft and means for implementing thereof

Title (de)

System zum Kühlhalten von Lebensmitteln in einem Luftfahrzeug und Mittel zur Durchführung des Verfahrens

Title (fr)

Système de maintien au froid d'aliments à bord d'aéronefs et moyens de mise en oeuvre

Publication

**EP 1447630 B1 20100407 (FR)**

Application

**EP 04290410 A 20040213**

Priority

FR 0301881 A 20030217

Abstract (en)

[origin: EP1447630A1] The process involves equipping trolley (1) with a removable unit (11) that is mounted and demounted from a block on the trolley to produce coolness at the interior of the trolley. The removable unit has a jet engine to adsorb reversible and controllable solid/gas with an adsorbent for regeneration. A regeneration unit is provided at the ground, at an exterior of the aircraft, for regeneration of the adsorbent. An independent claim is also included for a trolley for maintaining coldness of food.

IPC 8 full level

**F25B 17/08** (2006.01); **A47B 31/02** (2006.01); **F25D 11/00** (2006.01)

CPC (source: EP US)

**A47B 31/02** (2013.01 - EP US); **F25B 17/08** (2013.01 - EP US); **F25D 11/003** (2013.01 - EP US); **F25D 2400/38** (2013.01 - EP US)

Cited by

CN108679899A; WO2007090469A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 1447630 A1 20040818**; **EP 1447630 B1 20100407**; AT E463705 T1 20100415; DE 602004026376 D1 20100520; FR 2851329 A1 20040820; FR 2851329 B1 20060203; US 2004194487 A1 20041007; US 6941764 B2 20050913

DOCDB simple family (application)

**EP 04290410 A 20040213**; AT 04290410 T 20040213; DE 602004026376 T 20040213; FR 0301881 A 20030217; US 77778004 A 20040213