

Title (en)  
RAPID COOLING DEVICE

Title (de)  
SCHNELLKÜHLUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF DE REFROIDISSEMENT RAPIDE

Publication  
**EP 2962049 A1 20160106 (EN)**

Application  
**EP 14756432 A 20140226**

Priority  
• IL 22500713 A 20130228  
• IL 2014050197 W 20140226

Abstract (en)  
[origin: WO2014132253A1] A rapid cooling device, comprising: a) a freezer consists of a thermally insulated compartment and a heat pump that transfers heat from the inside of said freezer to its external environment so that the inside of said thermally insulated compartment is cooled to a relatively low temperature below the ambient temperature of the room, wherein said freezer is adapted to maintain said relatively low temperature; and b) a storage chamber adapted to accommodate at least one item for rapid cooling, wherein said storage chamber and said thermally insulated compartment are connected via one or more connecting members such that cooled air from said compartment can flow in a circulate manner from said thermally insulated compartment to the inner volume of said storage chamber and back said thermally insulated compartment, thereby reducing the temperature within the inner volume of said chamber as a result of temperatures differences between said thermally insulated compartment and said storage chamber.

IPC 8 full level  
**F25D 17/08** (2006.01); **F25D 11/02** (2006.01); **F25D 17/06** (2006.01); **F25D 23/12** (2006.01)

CPC (source: EP US)  
**F25D 17/065** (2013.01 - EP US); **F25D 17/08** (2013.01 - US); **F25D 23/04** (2013.01 - EP US); **F25D 25/027** (2013.01 - US);  
**F25D 23/025** (2013.01 - EP US); **F25D 2317/062** (2013.01 - EP US); **F25D 2331/805** (2013.01 - EP US); **F25D 2400/28** (2013.01 - EP US)

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2014132253 A1 20140904**; AU 2014222320 A1 20150917; CA 2902793 A1 20140904; CN 105431694 A 20160323;  
EP 2962049 A1 20160106; EP 2962049 A4 20161019; IL 225007 A0 20130627; US 2016010912 A1 20160114

DOCDB simple family (application)  
**IL 2014050197 W 20140226**; AU 2014222320 A 20140226; CA 2902793 A 20140226; CN 201480024054 A 20140226; EP 14756432 A 20140226;  
IL 22500713 A 20130228; US 201414770487 A 20140226