

Title (en)
Refrigeration and/or freezer device

Title (de)
Kühl- und/oder Gefriergerät

Title (fr)
Appareil de réfrigération et/ou de refroidissement

Publication
EP 2161520 A2 20100310 (DE)

Application
EP 09011328 A 20090903

Priority
• DE 202008011870 U 20080905
• DE 102008049412 A 20080929

Abstract (en)
The freezer has an interior for receiving products to be refrigerated and/or frozen. A thermoacoustic cooler (10) is partially arranged in the interior. A thermal insulator is arranged between the interior and an environment of the freezer, where a part of the cooler is arranged in the thermal insulation. A set of lines (25-28) for guiding cold heat transfer medium is arranged within the interior and are connected with cold heat exchangers (23, 24). Another set of lines (33-35) for guiding hot heat transfer medium is arranged outside the interior.

Abstract (de)
Die vorliegende Erfindung betrifft ein Kühl- und/oder Gefriergerät mit einem zu kühlenden Innenraum zur Aufnahme des Kühl- und/oder Gefriergutes sowie mit einem thermoakustischen Kühler (10), wobei der thermoakustische Kühler (10) wenigstens teilweise im Innenraum des Kühl- und/oder Gefriergerätes angeordnet ist.

IPC 8 full level
F25D 11/00 (2006.01); **F25B 9/14** (2006.01); **F25D 23/00** (2006.01)

CPC (source: EP)
F25B 9/145 (2013.01); **F25D 11/00** (2013.01); **F25D 23/006** (2013.01)

Cited by
DE102011109176A1; AT519030A1; AT519030B1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
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