

Title (en)  
COOLING ELEMENT AND COOLING DEVICE

Title (de)  
KÜHLELEMENT UND KÜHLVORRICHTUNG

Title (fr)  
ÉLÉMENT DE REFROIDISSEMENT ET DISPOSITIF DE REFROIDISSEMENT

Publication  
**EP 2795210 B1 20210331 (DE)**

Application  
**EP 12758463 A 20120910**

Priority  
• DE 102011121552 A 20111220  
• EP 2012067606 W 20120910

Abstract (en)  
[origin: WO2013091913A1] The invention relates to a cooling element (1) for use in a cooling device (11), comprising a front face and a rear face and four side faces. The cooling element (1) is characterised in that the rear face of the cooling element (1) is substantially planar and the front face has reinforcing elements, wherein the reinforcing elements prevent deformation of the cooling element (1) during cooling and freezing. The invention also relates to a cooling device (11), in particular a freezer, comprising at least one cooling circuit, wherein the cooling circuit has a compressor, an evaporator, and a condenser. The cooling device (11) also has a closable cooling space (15) that comprises a plurality of cooling space side walls, a cooling space base, a space for cooling goods (17), and at least one cooling element (1) according to the invention. The cooling device (11) is characterised in that the evaporator and the cooling element (1) are arranged within the cooling space (15), such that the rear face of the cooling element (1) rests against the evaporator and the front face is facing the space for cooling goods (17).

IPC 8 full level  
**F25D 11/00** (2006.01)

CPC (source: EP KR US)  
**F25B 1/005** (2013.01 - KR US); **F25D 11/003** (2013.01 - EP KR US); **F25D 11/006** (2013.01 - EP KR US); **F25D 23/026** (2013.01 - KR); **F28F 27/02** (2013.01 - KR US); **F25D 16/00** (2013.01 - EP US); **F25D 2303/0822** (2013.01 - EP KR US); **F25D 2303/08222** (2013.01 - EP)

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

DOCDB simple family (publication)  
**WO 2013091913 A1 20130627**; AU 2012359095 A1 20140710; AU 2012359095 B2 20151203; CN 104081139 A 20141001; CN 104081139 B 20160629; DK 2795210 T3 20210628; EP 2795210 A1 20141029; EP 2795210 B1 20210331; HK 1199923 A1 20150724; KR 101762690 B1 20170728; KR 20140113946 A 20140925; US 2014338390 A1 20141120; US 9976790 B2 20180522

DOCDB simple family (application)  
**EP 2012067606 W 20120910**; AU 2012359095 A 20120910; CN 201280063489 A 20120910; DK 12758463 T 20120910; EP 12758463 A 20120910; HK 15100364 A 20150113; KR 20147019446 A 20120910; US 201214366647 A 20120910