

Title (en)

COOLING DEVICE AND METHOD FOR THE PRODUCTION THEREOF AS WELL AS USE OF THE DEVICE

Title (de)

VORRICHTUNG ZUM KÜHLEN UND VERFAHREN ZU DEREN HERSTELLUNG SOWIE VERWENDUNG DER VORRICHTUNG

Title (fr)

DISPOSITIF RÉFRIGÉRANT, PROCÉDÉ POUR SA FABRICATION ET UTILISATION DU DISPOSITIF

Publication

**EP 2721912 A1 20140423 (DE)**

Application

**EP 12738428 A 20120712**

Priority

- DE 102011079634 A 20110722
- EP 2012063693 W 20120712

Abstract (en)

[origin: WO2013013995A1] The present invention relates to a cooling device (1) and to the production and use thereof, the device comprising a stack (2) of at least two plates (3, 4) each of which has recesses (5). The at least two plates (3, 4) are stacked on top of one another in such a manner that cooling channels passing through the recesses (5) are formed for a cooling fluid. The at least two plates (3, 4) comprising recesses (5) are rolled expanded metal meshes (3, 4).

IPC 8 full level

**H05K 7/20** (2006.01); **F28F 3/08** (2006.01)

CPC (source: EP)

**F28F 3/02** (2013.01); **F28F 3/086** (2013.01); **H05K 7/20163** (2013.01); **H05K 7/20254** (2013.01); **H05K 7/20918** (2013.01);  
**F28F 2255/12** (2013.01)

Citation (search report)

See references of WO 2013013995A1

Citation (examination)

US 5193611 A 19930316 - HESSELGREAVES JOHN E [GB]

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)

**DE 102011079634 A1 20130124**; EP 2721912 A1 20140423; WO 2013013995 A1 20130131

DOCDB simple family (application)

**DE 102011079634 A 20110722**; EP 12738428 A 20120712; EP 2012063693 W 20120712