

Title (en)

METHOD FOR PRODUCING A COOLING PLATE AND DEVICE PRODUCED BY SAID METHOD

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER KÜHLPLATTE UND VORRICHTUNG HERGESTELLT MIT DIESEM VERFAHREN

Title (fr)

PROCÉDÉ DE FABRICATION D'UNE PLAQUE DE REFROIDISSEMENT ET DISPOSITIF FABRIQUÉ SELON CE PROCÉDÉ

Publication

EP 2486359 A2 20120815 (DE)

Application

EP 10745222 A 20100818

Priority

- DE 102009043636 A 20090929
- EP 2010062030 W 20100818

Abstract (en)

[origin: WO2011038988A2] The invention relates to a method for producing a cooling plate and to a device produced by said method, wherein the method comprises the following steps: providing at least one first and at least one second plate (10, 10') each having recesses (13) and arranging the at least two plates (10, 10') over one another such that the recesses (13) of the at least one first plate (10) overlap with recesses (13) of the at least one second plate (10') and are structured by continuous cooling channels along a longitudinal direction (30) in a plane of the plates (10, 10'). According to the invention, a material for mechanically stable joining of the plates (10, 10') is inserted between the at least two plates (10, 10') substantially does not penetrate into the recesses (13) of the plates (10, 10') upon temporally stable joining.

IPC 8 full level

F28F 3/08 (2006.01); **B23K 20/02** (2006.01)

CPC (source: EP)

F28F 3/086 (2013.01); **H05K 7/20254** (2013.01); **F28F 2275/02** (2013.01); **F28F 2275/025** (2013.01); **F28F 2275/061** (2013.01)

Citation (search report)

See references of WO 2011038988A2

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2011038988 A2 20110407; **WO 2011038988 A3 20110714**; EP 2486359 A2 20120815

DOCDB simple family (application)

EP 2010062030 W 20100818; EP 10745222 A 20100818