Title (en)
COOLING DEVICE AND METHOD FOR COOLING A MEDIUM

Title (de)
KÜHLVORRICHTUNG UND VERFAHREN ZUM KÜHLEN EINES MEDIUMS

Title (fr)
DISPOSITIF DE REFROIDISSEMENT ET PROCÉDÉ PERMETTANT DE REFROIDIR UN FLUIDE

Publication
EP 3055626 A1 20160817 (DE)

Application
EP 14777030 A 20140923

Priority
• DE 102013220260 A 20131008
• EP 2014070214 W 20140923

Abstract (en)
[origin: CA2926005A1] To create a cooling device for cooling a medium, by means of which cooling device a large amount of heat can be dissipated in an efficient manner, it is proposed that the cooling device comprises the following: an evaporation device for evaporating water; a vacuum device for generating a negative pressure in an evaporation chamber of the evaporation device; a charging device which comprises a charging chamber which is fluidically connected to the evaporation chamber of the evaporation device and which is at least partially filled with an absorption medium for absorbing the evaporated water; and a discharging device by means of which the water absorbed by the absorption medium can be removed from the absorption medium and released to surroundings of the cooling device.

IPC 8 full level
F25B 15/06 (2006.01); **F25B 17/02** (2006.01)

CPC (source: EP KR US)
F25B 15/00 (2013.01 - US); **F25B 15/06** (2013.01 - EP KR US); **F25B 17/02** (2013.01 - EP KR US); Y02A 30/27 (2017.12 - EP US);
Y02B 30/62 (2013.01 - EP KR US); Y10S 165/917 (2013.01 - KR)

Citation (search report)
See references of WO 2015051992A1

Designated contracting state (EPC)
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BA ME

DOCDB simple family (publication)
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JP 2016532844 A 20161020; KR 20160067994 A 20160614; SG 11201602682W A 20160530; US 2016245554 A1 20160825;
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