

Title (en)

A METHOD AND SYSTEM FOR CONTROLLING A TEMPERATURE IN AN ABSORPTION CHILLER

Title (de)

VERFAHREN UND SYSTEM ZUR STEUERUNG EINER TEMPERATUR IN EINEM ABSORPTIONSKÜHLER

Title (fr)

PROCÉDÉ ET SYSTÈME POUR RÉGULER LA TEMPÉRATURE DANS UN REFRIGÉRISEUR PAR ABSORPTION

Publication

**EP 2156108 A1 20100224 (EN)**

Application

**EP 07755341 A 20070413**

Priority

US 2007009034 W 20070413

Abstract (en)

[origin: WO2008127229A1] A method and system for controlling a temperature of a hot water source capable of being used for heating in an absorption chiller includes a first valve for controlling an amount of liquid refrigerant exiting a low stage generator in the absorption chiller, in order to control a pressure in a high stage generator configured for producing steam. A second valve controls an amount of liquid refrigerant exiting a heat exchanger in the absorption chiller, in order to control a heating capacity of the heat exchanger. A controller controls operation of the first and second valves as a function of a temperature of at least one of the hot water source, the liquid refrigerant and an absorbent solution.

IPC 8 full level

**F25B 15/00** (2006.01); **F25B 29/00** (2006.01); **F25B 49/04** (2006.01)

CPC (source: EP KR US)

**F25B 15/00** (2013.01 - KR); **F25B 15/02** (2013.01 - EP US); **F25B 29/00** (2013.01 - KR); **F25B 41/24** (2021.01 - EP KR US); **F25B 41/28** (2021.01 - EP KR US); **F25B 49/04** (2013.01 - KR); **F25B 2600/2507** (2013.01 - EP); **Y02A 30/27** (2017.12 - EP); **Y02B 30/62** (2013.01 - EP)

Citation (search report)

See references of WO 2008127229A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**WO 2008127229 A1 20081023**; CN 101730825 A 20100609; EP 2156108 A1 20100224; KR 20100063680 A 20100611

DOCDB simple family (application)

**US 2007009034 W 20070413**; CN 200780052950 A 20070413; EP 07755341 A 20070413; KR 20097022653 A 20070413