

Title (en)  
MODULAR CLIMATE CONTROL SYSTEM AND METHOD FOR THE OPERATION THEREOF

Title (de)  
MODULARE KLIMATECHNISCHE ANLAGE SOWIE VERFAHREN ZU DEREN BETRIEB

Title (fr)  
DISPOSITIF DE CLIMATISATION MODULAIRE ET PROCÉDÉ D'UTILISATION

Publication  
**EP 2242962 A1 20101027 (DE)**

Application  
**EP 08700535 A 20080131**

Priority  
CH 2008000030 W 20080131

Abstract (en)  
[origin: WO2009094788A1] The invention relates to a modular climate control system (10), particularly for generating cold and/or heat, comprising one or more modules (M1, M2,..., Mn), a working medium or coolant being condensed, liquefied, relieved and re-evaporated in a circuit in said modules (M2,..., Mn), and the heat and/or cold generated in the process being delivered to corresponding secondary circuits via heat exchangers. High flexibility in the use of the system, and tremendous simplification in the set-up and modification are achieved in that a common collector (K) comprising collector tubes (21,..., 24) is provided for several modules (M1, M2,..., Mn), the modules (M1, M2,..., Mn) being detachably connected to said collector, and said collector connecting the modules (M1, M2,..., Mn) to the respective common secondary circuit.

IPC 8 full level  
**F25B 29/00** (2006.01); **F24F 3/08** (2006.01)

CPC (source: EP US)  
**F24F 3/08** (2013.01 - EP US); **F25B 29/003** (2013.01 - EP US); **F25B 2400/06** (2013.01 - EP US); **F25B 2400/21** (2013.01 - EP US)

Citation (search report)  
See references of WO 2009094788A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**DE 202008002015 U1 20080529**; EP 2242962 A1 20101027; EP 2242962 B1 20200826; US 2010287960 A1 20101118; WO 2009094788 A1 20090806

DOCDB simple family (application)  
**DE 202008002015 U 20080131**; CH 2008000030 W 20080131; EP 08700535 A 20080131; US 81254208 A 20080131