

Title (en)

Apparatus and method for controlling thermal systems, namely radiant systems

Title (de)

Vorrichtung und Verfahren zur Steuerung von Wärmesystemen, und zwar Strahlersystemen

Title (fr)

Appareil et procédé de contrôle de systèmes thermiques, à savoir des systèmes radiants

Publication

EP 2388529 A1 20111123 (EN)

Application

EP 11003006 A 20110411

Priority

IT VI20100106 A 20100416

Abstract (en)

An apparatus and method for controlling thermal systems, namely radiant systems, including a first feed manifold (10) and a return manifold (30); in an active condition, the first feed manifold distributes heat transfer fluid to user circuits (40) at feed temperature; the return manifold collects heat transfer fluid from the user circuits at return temperature. A temperature equalizing system (100) associated with the first feed manifold and which, in the active condition, distributes the thermal emission homogeneously along each individual user circuit.

IPC 8 full level

F24D 3/10 (2006.01)

CPC (source: EP US)

F24D 3/1075 (2013.01 - EP); **F24D 19/1015** (2013.01 - EP US); **F24D 19/1033** (2013.01 - EP US)

Citation (search report)

- [XA] US 5707007 A 19980113 - FIEDRICH JOACHIM [US]
- [X] WO 2008056162 A1 20080515 - MICROGEN ENERGY LTD [GB], et al
- [X] EP 1065447 A2 20010103 - RBM SPA [IT]

Cited by

CN103471159A; EP4227583A3

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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