

Title (en)

RADIATION PANEL MODULE, RADIATION AIR CONDITIONING SYSTEM, AND AIR CONDITIONING METHOD

Title (de)

STRAHLUNGSPLATTENMODUL, STRAHLUNGSKLIMATISIERUNGSSYSTEM UND KLIMATISIERUNGSVERFAHREN

Title (fr)

MODULE DE PANNEAU DE RAYONNEMENT, SYSTÈME DE CLIMATISATION À RAYONNEMENT ET PROCÉDÉ DE CLIMATISATION

Publication

**EP 3460348 A1 20190327 (EN)**

Application

**EP 17879860 A 20171120**

Priority

- JP 2016241903 A 20161214
- JP 2017041712 W 20171120

Abstract (en)

A radiation panel module includes a radiation panel and a heat exchange flow path through which a heat medium passes. The heat exchange flow path is provided on a back surface side of the radiation panel. In a radiation air conditioning system using the radiation panel module, a bypass flow path that does not pass through the heat exchange flow path is provided, and the flow path of the heat medium is switched in accordance with the operating environment. In this manner, the occurrence of dew condensation is prevented.

IPC 8 full level

**F24F 11/30** (2018.01)

CPC (source: EP)

**F24F 5/0089** (2013.01); **F24F 11/79** (2017.12); **F24F 11/84** (2017.12); **F24F 13/10** (2013.01); **F24F 5/0092** (2013.01); **F28D 1/0383** (2013.01); **F28F 3/12** (2013.01)

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)

**EP 3460348 A1 20190327; EP 3460348 A4 20190703**; AU 2017377443 A1 20190117; CN 109312933 A 20190205; JP 2018096620 A 20180621; JP 6442776 B2 20181226; WO 2018110214 A1 20180621

DOCDB simple family (application)

**EP 17879860 A 20171120**; AU 2017377443 A 20171120; CN 201780038434 A 20171120; JP 2016241903 A 20161214; JP 2017041712 W 20171120