

Title (en)
AIR CONVECTION SYSTEM

Title (de)
LUFTKONVEKTIONSSYSTEM

Title (fr)
SYSTÈME DE CONVECTION D'AIR

Publication
EP 4222423 A1 20230809 (EN)

Application
EP 21874729 A 20210913

Priority
• IL 27770920 A 20200930
• IL 2021051111 W 20210913

Abstract (en)
[origin: WO2022070178A1] An air convection system configured for use in building structure having a suspended ceiling dividing the building structure to an upper plenum in airflow communication with an HVAC unit, and a lower area, said air convection system comprising; an air convection module having a plenum opening configured to face said plenum, a lower area opening configured to face said lower area; a controllable airflow facilitating unit configured to selectively facilitate airflow at least from said plenum opening to said lower area opening; and a control system configured to receive an operational signal indicative of at least one operational parameter of said HVAC unit, and operate said airflow facilitating unit in accordance with said operational signal.

IPC 8 full level
F24F 11/72 (2018.01); **F24F 1/0007** (2019.01)

CPC (source: EP US)
F24F 1/0007 (2013.01 - EP); **F24F 1/0047** (2019.01 - EP); **F24F 5/0092** (2013.01 - US); **F24F 7/065** (2013.01 - US); **F24F 11/72** (2017.12 - EP); **F24F 13/02** (2013.01 - EP); **F24F 2110/10** (2017.12 - EP)

Citation (search report)
See references of WO 2022070178A1

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022070178 A1 20220407; EP 4222423 A1 20230809; IL 277709 A 20220401; US 2023408119 A1 20231221

DOCDB simple family (application)
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