

Title (en)

SYSTEM, COMPONENTS, AND METHODS FOR AIR, HEAT, AND HUMIDITY EXCHANGER

Title (de)

SYSTEM, KOMPONENTEN UND VERFAHREN FÜR LUFT-, WÄRME- UND FEUCHTIGKEITSAUSTAUSCHER

Title (fr)

SYSTÈME, ÉLÉMENTS ET PROCÉDÉS DESTINÉS À UN ÉCHANGEUR D'AIR, DE CHALEUR ET D'HUMIDITÉ

Publication

**EP 3743665 A4 20220126 (EN)**

Application

**EP 19741312 A 20190122**

Priority

- US 201862620386 P 20180122
- US 2019014622 W 20190122

Abstract (en)

[origin: WO2019144150A1] Embodiments of the present disclosure include an air handling module. The air handling module may comprise an exchanger within a housing, a first manifold positioned on a first side of the housing and including a first pair of ports on a first end and a second pair of ports on a second end, and a second manifold positioned on a second side of the housing and including a first pair of ports on a first end and a second pair of ports on a second end. The first pairs of ports may be in fluid communication to transfer air through the exchanger and between the first and second manifolds, and the second pairs of ports may be in fluid communication to transfer air through the exchanger and between the first and second manifolds.

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

- [XA] KR 101263656 B1 20130522 - DAELIM IND CO LTD [KR]
- [X] WO 2013075722 A1 20130530 - AIRMASTER AS [DK]
- [X] GB 2451303 A 20090128 - MITSUBISHI ELECTRIC CORP [JP]
- See references of WO 2019144150A1

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

DOCDB simple family (publication)

**WO 2019144150 A1 20190725**; CA 3089216 A1 20190725; CA 3193016 A1 20190725; CA 3193016 C 20231010; EP 3743665 A1 20201202; EP 3743665 A4 20220126; JP 2021512274 A 20210513; KR 20200123135 A 20201028; MX 2020007775 A 20210115

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**US 2019014622 W 20190122**; CA 3089216 A 20190122; CA 3193016 A 20190122; EP 19741312 A 20190122; JP 2020562072 A 20190122; KR 20207024075 A 20190122; MX 2020007775 A 20190122