

Title (en)

METHOD FOR OPERATING A HEAT EXCHANGER SYSTEM AND HEAT EXCHANGER SYSTEM

Title (de)

VERFAHREN ZUM BETREIBEN EINES WÄRMEAUSTAUSCHSYSTEMS UND WÄRMEAUSTAUSCHSYSTEM

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN SYSTÈME D'ÉCHANGE DE CHALEUR ET SYSTÈME D'ÉCHANGE DE CHALEUR

Publication

**EP 3207322 A1 20170823 (DE)**

Application

**EP 15766853 A 20150923**

Priority

- EP 14188678 A 20141013
- EP 2015071813 W 20150923

Abstract (en)

[origin: WO2016058795A1] The invention relates to a method for operating a heat exchanger system (1), comprising a heat exchanger (2), wherein an outer demarcation of the heat exchanger is formed by an inlet area (21) and by an outlet area (22), such that, in the operating state, in order to exchange heat between a transport fluid and a heat transfer fluid flowing through the heat exchanger (2), the transport fluid is supplied to the heat exchanger (2) via the inlet area (21), brought into flowing contact with the heat exchanger (2) and discharged out of the heat exchanger (2) again via the outlet area (22). The heat exchanger system (1) furthermore comprises a ventilator (5), which is designed and arranged such that the transport fluid is transported via the inlet area (21) through the heat exchanger (2) to the outlet area (22), and there is a control unit (3), in particular a control unit (3) having a data processing system, such that the control unit (3) receives one or a plurality of actual values from the heat exchanger (2) and/or ventilator (5) and one or a plurality of target values of the heat exchanger (2) and/or the ventilator (5) are adjusted by the control unit (3). The heat exchanger system (1) furthermore comprises a communication module (4), wherein the communication module (4) is signal-connected to the control unit (3), and the communication module (4) receives one or a plurality of actual values from the control unit (3) and/or one or a plurality of target values are sent from the communication module (4) to the control unit (3), wherein the communication module (4) is at least temporarily signal-connected to a communication unit (9).

IPC 8 full level

**F28B 11/00** (2006.01); **F24F 11/00** (2006.01); **F28F 27/00** (2006.01)

CPC (source: EP US)

**F28B 11/00** (2013.01 - EP US); **F28D 3/00** (2013.01 - US); **F28F 27/00** (2013.01 - EP US); **F24F 11/56** (2017.12 - EP US)

Citation (search report)

See references of WO 2016058795A1

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)

**WO 2016058795 A1 20160421**; CA 2963028 A1 20160421; CA 2963028 C 20230829; EP 3207322 A1 20170823; US 10619952 B2 20200414; US 2017261274 A1 20170914

DOCDB simple family (application)

**EP 2015071813 W 20150923**; CA 2963028 A 20150923; EP 15766853 A 20150923; US 201515515444 A 20150923