

Title (en)
CONDENSATE EXTRACTION DEVICE AND HEAT EXCHANGER

Title (de)
KONDENSATEXTRAKTIONSVORRICHTUNG UND WÄRMETAUSCHER

Title (fr)
DISPOSITIF D'EXTRACTION DE CONDENSAT ET ÉCHANGEUR DE CHALEUR

Publication
EP 3791125 A1 20210317 (DE)

Application
EP 19722794 A 20190502

Priority
• EP 18020197 A 20180509
• EP 2019025134 W 20190502

Abstract (en)
[origin: WO2019214849A1] The invention relates to a condensate extraction device (38) for a heat exchanger (13), comprising a condensate drain opening (48) and a lock device (40) having a condensate collection chamber (46), wherein the lock device (40) can be arranged in a collection position and in a drain position. The condensate extraction device (38) can be attached to a heat exchanger (13) such that the condensate collection chamber (46) is open to an interior (2a) of the heat exchanger (13) and closed to the condensate drain opening (48) in the collection position and such that the condensate collection chamber (46) is closed to the interior (2a) of the heat exchanger (13) and open to the condensate drain opening (48) in the drain position. The invention further relates to a heat exchanger (13).

IPC 8 full level
F28D 7/10 (2006.01); **F28B 9/08** (2006.01); **F28D 21/00** (2006.01); **F28F 17/00** (2006.01); **F28G 1/08** (2006.01); **F28G 1/14** (2006.01)

CPC (source: EP)
F28B 9/08 (2013.01); **F28D 7/106** (2013.01); **F28F 17/005** (2013.01); **F28G 1/08** (2013.01); **F28G 1/14** (2013.01); **F28D 2021/0033** (2013.01); **F28D 2021/0063** (2013.01); **F28F 2265/06** (2013.01); **F28F 2265/22** (2013.01)

Citation (search report)
See references of WO 2019214849A1

Cited by
WO2023076142A1

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 3567329 A1 20191113; EP 3791125 A1 20210317; EP 3791125 B1 20231025; EP 3791125 C0 20231025; WO 2019214849 A1 20191114; WO 2019214849 A8 20200402; WO 2019214849 A8 20230615

DOCDB simple family (application)
EP 18020197 A 20180509; EP 19722794 A 20190502; EP 2019025134 W 20190502