

Title (en)

HEAT EXCHANGER, IN PARTICULAR EVAPORATOR, HAVING A RESERVOIR OF PHASE CHANGE MATERIAL

Title (de)

WÄRMETAUSCHER, INSBESONDERE VERDAMPFER, MIT EINEM RESERVOIR AUS PHASENWECHSELMATERIAL

Title (fr)

ÉCHANGEUR THERMIQUE, NOTAMMENT ÉVAPORATEUR, PRÉSENTANT UN RÉSERVOIR DE MATÉRIAU À CHANGEMENT DE PHASE

Publication

**EP 3571073 A1 20191127 (FR)**

Application

**EP 18705093 A 20180123**

Priority

- FR 1750524 A 20170123
- EP 2018051604 W 20180123

Abstract (en)

[origin: WO2018134442A1] The invention proposes a heat exchanger, in particular an evaporator, comprising a heat exchange bundle delimiting a circuit for the circulation of heat-transfer fluid, the heat exchange bundle comprising at least one first tube in which the heat-transfer fluid flows, the heat exchanger further comprising at least one reservoir of phase change material in thermal contact with an outer face of the at least one first tube, the reservoir being delimited by a first reservoir plate and at least one opposing surface. According to the invention, the first reservoir plate has at least one support stud coming into contact with the opposing surface.

IPC 8 full level

**B60H 1/00** (2006.01)

CPC (source: EP US)

**B60H 1/00335** (2013.01 - EP); **B60H 1/005** (2013.01 - EP US); **F28D 2020/0013** (2013.01 - EP); **F28D 2021/0085** (2013.01 - EP)

Citation (search report)

See references of WO 2018134442A1

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 2018134442 A1 20180726**; CN 110431028 A 20191108; EP 3571073 A1 20191127; FR 3062199 A1 20180727; FR 3062199 B1 20200501

DOCDB simple family (application)

**EP 2018051604 W 20180123**; CN 201880008051 A 20180123; EP 18705093 A 20180123; FR 1750524 A 20170123