

Title (en)

HEAT EXCHANGER UNIT AND THERMOTECHNICAL SYSTEM

Title (de)

WÄRMETAUSCHEREINHEIT UND WÄRMETECHNISCHE ANLAGE

Title (fr)

UNITÉ D'ÉCHANGE DE CHALEUR ET INSTALLATION THERMOTECHNIQUE

Publication

EP 2409103 B1 20200506 (DE)

Application

EP 10719231 A 20100319

Priority

- DE 2010000309 W 20100319
- DE 102009013684 A 20090320

Abstract (en)

[origin: WO2010105613A2] The invention relates to a heat exchanger unit having an evaporator device configured for evaporating a heat exchanger operating fluid, and a condenser device configured for condensing the heat exchanger operating fluid, wherein the evaporator device and the condenser device are fluidically connected to each other in a frontal configuration. The invention further relates to a thermotechnical system having a plurality of heat exchanger units.

IPC 8 full level

F28D 7/06 (2006.01)

CPC (source: EP US)

F25B 39/00 (2013.01 - EP US); **F28D 1/0426** (2013.01 - EP US); **F28D 1/0443** (2013.01 - EP US); **F28D 1/0478** (2013.01 - EP US); **F28D 2021/007** (2013.01 - EP US); **F28D 2021/0071** (2013.01 - EP US)

Citation (examination)

- US 5916251 A 19990629 - SIBIK LEE LOUIS [US]
- EP 1160530 A1 20011205 - EBARA CORP [JP]

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

WO 2010105613 A2 20100923; **WO 2010105613 A3 20110310**; DE 102009013684 A1 20101007; EP 2409103 A2 20120125; EP 2409103 B1 20200506; US 10801782 B2 20201013; US 2012067713 A1 20120322

DOCDB simple family (application)

DE 2010000309 W 20100319; DE 102009013684 A 20090320; EP 10719231 A 20100319; US 201013257929 A 20100319