

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 4345407 A1 20240403 (EN)

Application
EP 23199837 A 20230926

Priority
KR 20220124455 A 20220929

Abstract (en)
Provided is a heat exchanger. The heat exchanger includes a plurality of refrigerant tubes through which refrigerant flows, a fin disposed between adjacent refrigerant tubes to conduct heat, and a sacrificial sheet configured such that a first surface thereof contacts the refrigerant tube and a second surface thereof contacts the fin. A corrosion potential of the sacrificial sheet is lower than a corrosion potential of the refrigerant tube.

IPC 8 full level
F28D 1/053 (2006.01); **F28F 1/12** (2006.01); **F28F 19/00** (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP KR US)
F28D 1/05366 (2013.01 - KR); **F28F 1/126** (2013.01 - EP US); **F28F 19/004** (2013.01 - EP KR US); **F28F 21/081** (2013.01 - EP US); **F28F 21/084** (2013.01 - EP KR); **F28F 21/085** (2013.01 - KR); **F25B 39/00** (2013.01 - US); **F28D 1/05383** (2013.01 - EP); **F28F 2260/02** (2013.01 - KR); **F28F 2275/04** (2013.01 - EP)

Citation (applicant)
KR 20150035416 A 20150406

Citation (search report)

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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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4345407 A1 20240403; CN 117781516 A 20240329; KR 20240044900 A 20240405; US 2024110755 A1 20240404

DOCDB simple family (application)
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