

Title (en)

EVAPORATOR HAVING FOLDED BAFFLES

Title (de)

VERDAMPFER MIT GEFALTETEN ABLENKPLATTEN

Title (fr)

ÉVAPORATEUR PRÉSENTANT DES DÉFLECTEURS PLIÉS

Publication

EP 3303970 A4 20190102 (EN)

Application

EP 16804205 A 20160531

Priority

- US 201514730478 A 20150604
- US 2016034965 W 20160531

Abstract (en)

[origin: WO2016196437A1] A evaporator provides an evaporator that includes an evaporator core, an evaporator tank attached to the evaporator core, and at least one single-piece and folded baffle having raised surfaces incorporated into the evaporator tank. The baffle has opposed sides having a pair of opposed raised surfaces. The baffle further includes a top edge and a side edge. The pair of opposed raised surfaces is provided adjacent one of the edges and includes two pairs of opposed raised surfaces. The raised surface can be a flat-sided ramp, a curve-sided ramp, or a dimple.

IPC 8 full level

F28F 9/02 (2006.01); **F28F 9/04** (2006.01)

CPC (source: EP US)

F25B 39/02 (2013.01 - EP US); **F28D 1/05391** (2013.01 - EP US); **F28F 9/0204** (2013.01 - EP US); **F28D 2021/0085** (2013.01 - EP US); **F28F 9/0212** (2013.01 - EP US); **F28F 2275/04** (2013.01 - EP US)

Citation (search report)

- [X] US 6289980 B1 20010918 - INSALACO JEFFREY LEE [US], et al
- [X] US 5123483 A 19920623 - TOKUTAKE TOSHINORI [JP], et al
- [X] KR 20130026631 A 20130314 - HALLA CLIMATE CONTROL CORP [KR]
- See references of WO 2016196437A1

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

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DOCDB simple family (application)

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