

Title (en)

BAFFLE ASSEMBLY FOR A HEAT EXCHANGER, HEAT EXCHANGER INCLUDING THE BAFFLE ASSEMBLY, FLUID HEATING SYSTEM INCLUDING THE SAME, AND METHODS OF MANUFACTURE THEREOF

Title (de)

PRALLFLÄCHENANORDNUNG FÜR EINEN WÄRMETAUSCHER, WÄRMETAUSCHER MIT DER PRALLFLÄCHENANORDNUNG, FLÜSSIGKEITERHITZUNGSSYSTEM DAMIT UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

ENSEMBLE DÉFLECTEUR POUR ÉCHANGEUR DE CHALEUR, ÉCHANGEUR DE CHALEUR COMPORTANT L'ENSEMBLE DÉFLECTEUR, SYSTÈME DE CHAUFFAGE DE FLUIDE COMPORTANT LEDIT ÉCHANGEUR, ET LEURS PROCÉDÉS DE FABRICATION

Publication

**EP 3405737 A4 20190918 (EN)**

Application

**EP 17742092 A 20170123**

Priority

- US 201662281534 P 20160121
- US 2017014526 W 20170123

Abstract (en)

[origin: US2017211895A1] A fluid heating system assembly including: a first tube sheet; a second tube sheet opposite the first sheet; a heat exchanger tube, which connects the first tube sheet and the second tube sheet; a baffle such as a plate baffle and/or an annular baffle disposed between the first tube sheet and the second tube sheet, wherein the heat exchanger tube passes through the baffle.

IPC 8 full level

**F28F 9/22** (2006.01); **F24H 1/14** (2006.01); **F28D 7/16** (2006.01); **F28F 9/00** (2006.01); **F28F 9/013** (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)

**F24H 1/145** (2013.01 - EP US); **F28D 7/1607** (2013.01 - EP US); **F28F 9/005** (2013.01 - EP US); **F28F 9/22** (2013.01 - EP US); **F28F 2009/226** (2013.01 - EP US); **F28F 2230/00** (2013.01 - EP US); **F28F 2275/025** (2013.01 - EP US); **F28F 2275/06** (2013.01 - EP US)

Citation (search report)

- [XII] US 2811337 A 19571029 - ANDERSEN SOREN K
- [XA] EP 1471046 A1 20041027 - MITSUBISHI CHEM CORP [JP]
- [XAI] CA 2415536 A1 20040630 - LONG MFG LTD [CA]
- [XAI] US 4127389 A 19781128 - HACKEMESSER LARRY G, et al
- [XI] WO 2004113814 A1 20041229 - DAIMLER CHRYSLER AG [DE], et al
- [A] EP 1113238 A2 20010704 - NIPPON CATALYTIC CHEM IND [JP]
- [A] US 2005067153 A1 20050331 - WU ALAN K [CA], et al
- See references of WO 2017127790A1

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

DOCDB simple family (publication)

**US 2017211895 A1 20170727**; CN 109312997 A 20190205; EP 3405737 A1 20181128; EP 3405737 A4 20190918; WO 2017127790 A1 20170727

DOCDB simple family (application)

**US 201715412529 A 20170123**; CN 201780019451 A 20170123; EP 17742092 A 20170123; US 2017014526 W 20170123