

Title (en)

HEAT EXCHANGER INCLUDING MULTIPLE TUBE DISTRIBUTOR

Title (de)

WÄRMETAUSCHER MIT EINEM VERTEILER MIT MEHREREN ROHREN

Title (fr)

ECHANGEUR DE CHALEUR COMPRENANT UN DISTRIBUTEUR À PLUSIEURS TUBES

Publication

**EP 2242963 B1 20150930 (EN)**

Application

**EP 08732511 A 20080320**

Priority

- US 2008057567 W 20080320
- CN 200810008427 A 20080117

Abstract (en)

[origin: WO2009091414A1] A heat exchanger includes tubes and an inlet manifold to direct a first fluid into the tubes at a third direction. Heat is exchanged between the first fluid and a second fluid in the tubes. The heat exchanger also includes a distributor tube located within the inlet manifold. The distributor tube includes a short tube including a plurality of first orifices that direct the first fluid into the inlet manifold at a first direction, and a long tube including a plurality of second orifices that direct the first fluid into the inlet manifold at a second direction.

IPC 8 full level

**F25B 39/02** (2006.01); **F28F 1/02** (2006.01); **F28F 27/02** (2006.01)

CPC (source: EP US)

**F25B 39/028** (2013.01 - EP US); **F28F 1/022** (2013.01 - EP US); **F28F 9/0273** (2013.01 - EP US); **F25B 39/022** (2013.01 - EP US)

Cited by

DE102017211529A1; CN112484346A; LU101389B1; US10883776B2

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 MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2009091414 A1 20090723**; CN 101487669 A 20090722; CN 101487669 B 20120822; DK 2242963 T3 20151026; EP 2242963 A1 20101027; EP 2242963 B1 20150930; ES 2549120 T3 20151023; HK 1149955 A1 20111021; US 2011203308 A1 20110825

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