

Title (en)
MICROCHANNEL HEAT EXCHANGER

Title (de)
MIKROKANAL-WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR À MICROCANAU

Publication
EP 3334991 B1 20200930 (EN)

Application
EP 16753806 A 20160812

Priority
• US 201562205347 P 20150814
• US 2016046664 W 20160812

Abstract (en)
[origin: WO2017030922A1] A heat exchanger is provided including a first manifold, a second manifold separated from the first manifold, and a plurality of heat exchange tube segments arranged in spaced parallel relationship and fluidly coupling the first manifold and the second manifold. The plurality of heat exchange tube segments include a fold forming a first tube bank and a second tube bank in substantially parallel relation to one another along at least a portion of a length of the plurality of heat exchange tube segments. The first tube bank and the second tube bank are configured for sequential flow there through of a first heat transfer fluid.

IPC 8 full level
F28D 1/047 (2006.01); **F28D 1/053** (2006.01)

CPC (source: EP)
F28D 1/0475 (2013.01); **F28D 1/05391** (2013.01); **F28D 2001/0273** (2013.01); **F28D 2021/007** (2013.01); **F28D 2021/0071** (2013.01); **F28F 2260/02** (2013.01)

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)
WO 2017030922 A1 20170223; CN 107923712 A 20180417; EP 3334991 A1 20180620; EP 3334991 B1 20200930

DOCDB simple family (application)
US 2016046664 W 20160812; CN 201680048363 A 20160812; EP 16753806 A 20160812