

Title (en)
HEAT EXCHANGER FOR RESIDENTIAL HVAC APPLICATIONS

Title (de)
WÄRMETAUSCHER FÜR HLK-GERÄTE IM WOHNBEREICH

Title (fr)
ÉCHANGEUR DE CHALEUR POUR DES APPLICATIONS RÉSIDENTIELLES DE CHAUFFAGE, VENTILATION ET CLIMATISATION (HVAC)

Publication
EP 3362759 B1 20220727 (EN)

Application
EP 15804581 A 20151012

Priority
IB 2015002175 W 20151012

Abstract (en)
[origin: WO2017064531A1] A heat exchanger is provided including a first header, a second header, and a plurality of heat exchange tubes arranged in a spaced parallel relationship and fluidly coupling the first and second headers. At least one of the first header, second header and the plurality of heat exchange tubes includes a bend. The heat exchanger having an aspect ratio between about 2 and 6 after formation of the bend.

IPC 8 full level
F28D 1/047 (2006.01)

CPC (source: EP US)
F28D 1/047 (2013.01 - EP US); **F28D 1/0475** (2013.01 - US)

Citation (examination)

- JP 2013139971 A 20130718 - MITSUBISHI ELECTRIC CORP
- US 5695004 A 19971209 - BECKWITH WILLIAM R [US]
- EP 0855567 A2 19980729 - MODINE MFG CO [US]

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 2017064531 A1 20170420; EP 3362759 A1 20180822; EP 3362759 B1 20220727; US 2018299205 A1 20181018

DOCDB simple family (application)
IB 2015002175 W 20151012; EP 15804581 A 20151012; US 201515767064 A 20151012