

Title (en)
HEAT EXCHANGER

Title (de)
WÄRMETAUSCHER

Title (fr)
ÉCHANGEUR DE CHALEUR

Publication
EP 3803250 A1 20210414 (DE)

Application
EP 19727669 A 20190529

Priority
• DE 102018112907 A 20180530
• EP 2019064016 W 20190529

Abstract (en)
[origin: WO2019229148A1] The invention relates to a heat exchanger having one and preferably a plurality of tubes which extend from a tube base through a heat exchange chamber, wherein the tube base is produced from a fiber-reinforced plastic material. The invention further relates to a method for producing such a heat exchanger and to the use of such a heat exchanger.

IPC 8 full level
F28F 9/02 (2006.01)

CPC (source: EP US)
F28D 7/16 (2013.01 - US); **F28F 9/0229** (2013.01 - EP US); **F28F 9/167** (2013.01 - US); **F28D 7/16** (2013.01 - EP); **F28F 9/162** (2013.01 - EP); **F28F 9/165** (2013.01 - EP); **F28F 9/167** (2013.01 - EP); **F28F 2255/06** (2013.01 - EP US)

Citation (search report)
See references of WO 2019229148A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102018112907 A1 20191205; EP 3803250 A1 20210414; US 2022042752 A1 20220210; WO 2019229148 A1 20191205

DOCDB simple family (application)
DE 102018112907 A 20180530; EP 19727669 A 20190529; EP 2019064016 W 20190529; US 201917058270 A 20190529