

Title (en)
HEAT EXCHANGER WITH DOUBLE MANIFOLD

Title (de)
WÄRMETAUSCHER MIT DOPPELVERTEILER

Title (fr)
ÉCHANGEUR DE CHALEUR À DOUBLE COLLECTEUR

Publication
EP 3948132 A1 20220209 (EN)

Application
EP 20739250 A 20200221

Priority
• CZ 2019186 A 20190327
• CZ 2020050008 W 20200221

Abstract (en)
[origin: WO2020192807A1] Plastic heat exchanger with double manifold designed for thermal management of battery cells in battery packs of electric vehicles composed of hollow fiber rows and one double manifold with degas spout, which can be used for space and weight saving and also for increasing the number of battery cells.

IPC 8 full level
F28D 1/00 (2006.01); **H01M 10/613** (2014.01); **H01M 10/615** (2014.01); **H01M 10/625** (2014.01); **H01M 10/643** (2014.01); **H01M 10/653** (2014.01); **H01M 10/6557** (2014.01); **H01M 10/6568** (2014.01)

CPC (source: CZ EP)
H01M 10/613 (2015.04 - CZ EP); **H01M 10/615** (2015.04 - EP); **H01M 10/625** (2015.04 - EP); **H01M 10/643** (2015.04 - CZ EP); **H01M 10/653** (2015.04 - EP); **H01M 10/6556** (2015.04 - CZ); **H01M 10/6557** (2015.04 - CZ EP); **H01M 10/6568** (2015.04 - EP); **H01M 50/20** (2021.01 - CZ); **H01M 50/213** (2021.01 - EP); **H01M 2220/20** (2013.01 - EP); **Y02E 60/10** (2013.01 - EP)

Citation (search report)
See references of WO 2020192807A1

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)
WO 2020192807 A1 20201001; CZ 2019186 A3 20200617; CZ 308355 B6 20200617; EP 3948132 A1 20220209

DOCDB simple family (application)
CZ 2020050008 W 20200221; CZ 2019186 A 20190327; EP 20739250 A 20200221