

Title (en)

HEAT EXCHANGER AND THERMAL CONDITIONING DEVICE FOR A MOTOR VEHICLE COMPRISING SUCH AN EXCHANGER

Title (de)

WÄRMETAUSCHER UND THERMISCHE KONDITIONIERUNGSVORRICHTUNG FÜR EIN KRAFTFAHRZEUG MIT SOLCH EINEM WÄRMETAUSCHER

Title (fr)

ECHANGEUR DE CHALEUR ET DISPOSITIF DE CONDITIONNEMENT THERMIQUE POUR VÉHICULE AUTOMOBILE COMPORTANT UN TEL ÉCHANGEUR

Publication

**EP 3247957 A1 20171129 (FR)**

Application

**EP 16701019 A 20160119**

Priority

- FR 1550464 A 20150121
- EP 2016051039 W 20160119

Abstract (en)

[origin: WO2016116462A1] A heat exchanger suitable for operating as an evaporator in a heat pump type thermal conditioning device, the exchanger (1) comprising a bundle (26) in which a coolant flows. The exchanger further comprises at least one heating element (23), disposed adjacent to the bundle (26) and suitable for heating same for de-icing purposes.

IPC 8 full level

**F25B 39/02** (2006.01); **F25D 21/08** (2006.01); **F28F 17/00** (2006.01)

CPC (source: EP)

**F25B 39/02** (2013.01); **F25D 21/08** (2013.01); **F28F 19/006** (2013.01); **H05B 3/24** (2013.01); **H05B 3/44** (2013.01); **F28D 1/05366** (2013.01); **F28F 27/00** (2013.01); **H05B 2203/02** (2013.01); **H05B 2203/023** (2013.01)

Citation (search report)

See references of WO 2016116462A1

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)

**FR 3031803 A1 20160722; FR 3031803 B1 20180810; EP 3247957 A1 20171129; JP 2018503794 A 20180208; WO 2016116462 A1 20160728**

DOCDB simple family (application)

**FR 1550464 A 20150121; EP 16701019 A 20160119; EP 2016051039 W 20160119; JP 2017538440 A 20160119**