

Title (en)
HEAT EXCHANGER TUBE

Title (de)
WÄRMETAUSCHERRÖHRE

Title (fr)
TUBE D'ÉCHANGEUR DE CHALEUR

Publication
EP 3598047 B1 20220406 (EN)

Application
EP 18184825 A 20180720

Priority
EP 18184825 A 20180720

Abstract (en)
[origin: EP3598047A1] The invention deals with a heat exchanger tube (1) for use in a heat exchanger of a motor vehicle, the heat exchanger tube (1) comprising a first plate (3) and a second plate (4) elongating along a longitudinal plane (P), joined to each other to form an inner volume (5) dedicated to refrigerant fluid (700) circulation, the inner volume (5) communicating with at least one tank section (7) created from one first opening (80) arranged in the first plate (3) to one second opening (81) arranged in the second plate (4). In a heat exchanger tube (1) according to the invention, the tank section (7) comprises at least one reinforcement element (9) extending from the first plate (3) to the second plate (4). For motor vehicle.

IPC 8 full level
F28D 1/03 (2006.01)

CPC (source: EP)
F28D 1/0333 (2013.01); **F28D 2021/0085** (2013.01); **F28F 2225/04** (2013.01); **F28F 2225/08** (2013.01)

Citation (examination)
EP 0661508 B1 20000322 - SHOWA ALUMINUM CORP [JP]

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)
EP 3598047 A1 20200122; EP 3598047 B1 20220406; WO 2020016081 A1 20200123

DOCDB simple family (application)
EP 18184825 A 20180720; EP 2019068587 W 20190710