

Title (en)

COLLECTOR BOX FOR A HEAT EXCHANGER, IN PARTICULAR FOR A MOTOR VEHICLE, COVER FOR SAID BOX, AND HEAT EXCHANGER INCLUDING SUCH A BOX

Title (de)

SAMMELKASTEN FÜR WÄRMETAUSCHER, INSBESONDERE FÜR EIN KRAFTFAHRZEUG, ABDECKUNG FÜR BESAGTEN KASTEN UND WÄRMETAUSCHER MIT EINEM SOLCHEN KASTEN

Title (fr)

BOÎTE COLLECTRICE D'ÉCHANGEUR DE CHALEUR, NOTAMMENT POUR VÉHICULE AUTOMOBILE, COUVERCLE DE LADITE BOÎTE ET ÉCHANGEUR DE CHALEUR COMPRENANT UNE TELLE BOÎTE

Publication

EP 2795231 A1 20141029 (FR)

Application

EP 12815665 A 20121218

Priority

- FR 1161891 A 20111219
- EP 2012075987 W 20121218

Abstract (en)

[origin: WO2013092610A1] The invention relates to a collector box for a heat exchanger, in particular for a motor vehicle, including a collector plate (5), a cover (6), and a seal (7) for providing a seal between said collector plate (5) and said cover (6), said seal (7) including an attachment portion (22) configured so as to engage with at least one tube for circulating fluid of the heat exchanger, said attachment portion (22) having a projection (24) for grasping said seal, said cover having at least one recess (30) for accommodating said grasping projection (24). The invention also relates to a cover for said collector box and to a heat exchanger including such a collector box.

IPC 8 full level

F28F 9/02 (2006.01); **F28D 1/053** (2006.01)

CPC (source: EP US)

F28F 9/02 (2013.01 - US); **F28F 9/0226** (2013.01 - EP US); **F28D 1/05316** (2013.01 - EP US); **F28F 9/0224** (2013.01 - US); **F28F 2225/08** (2013.01 - US)

Citation (search report)

See references of WO 2013092610A1

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)

FR 2984475 A1 20130621; **FR 2984475 B1 20180427**; BR 112014014817 A2 20170613; BR 112014014817 A8 20170627; BR 112014014817 B1 20200728; CN 104094075 A 20141008; CN 104094075 B 20180605; EP 2795231 A1 20141029; EP 2795231 B1 20171011; PL 2795231 T3 20180330; US 10451364 B2 20191022; US 2014332190 A1 20141113; WO 2013092610 A1 20130627

DOCDB simple family (application)

FR 1161891 A 20111219; BR 112014014817 A 20121218; CN 201280062954 A 20121218; EP 12815665 A 20121218; EP 2012075987 W 20121218; PL 12815665 T 20121218; US 201214366097 A 20121218