

Title (en)

Heat exchanger with modular headers

Title (de)

Wärmetauscher mit modularen böden

Title (fr)

Échangeur thermique doté de boites a eau modulaires

Publication

EP 2096399 B1 20110316 (EN)

Application

EP 09150708 A 20090116

Priority

IT PN20080018 A 20080229

Abstract (en)

[origin: EP2096399A1] The present invention refers to a heat exchanger provided with modular headers. A heat exchanger, in particular of the finned-pack type, made according to the present invention comprises a plurality of tubes (1) that extend between a plurality of hollow interspaces (2); at least a header (4) comprising a support (5) provided with a plurality of first apertures (6) adapted to accommodate an extremity region (7, 8) of the tubes (1); and a cover (9) associated to said support (5). The heat exchanger is characterized in that each one of said support (5) and said cover (9) comprises a plurality of modular members (10, 18) that are removably associated to each other by means of conjugate surfaces (11a, 11b; 19a, 19b).

IPC 8 full level

F28F 9/02 (2006.01)

CPC (source: EP)

F28D 1/05341 (2013.01); **F28F 9/0221** (2013.01); **F28F 9/06** (2013.01)

Cited by

RU200074U1

Designated contracting state (EPC)

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 SE SI SK TR

DOCDB simple family (publication)

EP 2096399 A1 20090902; **EP 2096399 B1 20110316**; AT E502272 T1 20110415; DE 602009000868 D1 20110428; IT PN20080018 A1 20090901

DOCDB simple family (application)

EP 09150708 A 20090116; AT 09150708 T 20090116; DE 602009000868 T 20090116; IT PN20080018 A 20080229