

Title (en)
Heat-exchanger cover

Title (de)
Wärmetauscherabdeckung

Title (fr)
Couvercle échangeur de chaleur

Publication
EP 2639538 A1 20130918 (EN)

Application
EP 12159179 A 20120313

Priority
EP 12159179 A 20120313

Abstract (en)
An electric appliance (100) is proposed. The electric appliance comprises a heat exchanger assembly (300,300 1 ,300 2) for the exchange of heat between an operative fluid and a refrigerant fluid. The heat exchanger assembly comprises a piping (305) for containing the refrigerant fluid, and at least one heat-radiating member (310 1 ,310 2) configured for being flown by the operative fluid along an operative direction (x) and comprising fitting seats (315) for fitting the piping (305) thereinto along a piping fitting direction (y) different from the operative direction; the piping comprises elbow-bent pipe portions protruding beyond at least one surface of the at least one heat-radiating member along the fitting direction, said fitting seats being elongated-shaped for allowing the elbow-bent pipe portions to pass therethrough upon fitting of the piping and comprising filled portions filled by the piping and free portions free from the piping. In the solution according to one or more embodiments of the present invention, the heat exchanger assembly further comprises at least one covering member (405 1 ,405 2) associated with the at least one free surface of the at least one heat-radiating member and configured for covering said free portions of the fitting seats.

IPC 8 full level
F28D 1/047 (2006.01); **F28F 1/32** (2006.01); **F28F 9/00** (2006.01)

CPC (source: EP)
F28D 1/0477 (2013.01); **F28D 21/0014** (2013.01); **F28F 1/32** (2013.01); **F28F 9/001** (2013.01)

Citation (search report)
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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)
EP 2639538 A1 20130918

DOCDB simple family (application)
EP 12159179 A 20120313