

Title (en)

Heat exchanger, in particular for use with refrigerated cabinets

Title (de)

Wärmetauscher, insbesondere zur Anwendung bei Kühlmöbeln

Title (fr)

Echangeur thermique, notamment pour l'application dans des meubles réfrigérants

Publication

EP 2447626 B1 20150708 (DE)

Application

EP 11008489 A 20111022

Priority

DE 202010014956 U 20101030

Abstract (en)

[origin: EP2447626A2] The exchanger has base profiles (10, 10') i.e. multi-chamber hollow profiles, connected with an inlet device (21) and an outlet device (22). The base profiles comprises a profile section (13) for passage of refrigerant agent e.g. butane, in a main flow direction (60), and another profile section (14) for passage of the agent opposite to the direction. The profiles comprise a unit for increasing heat exchange with air that surrounds the profiles, or fluid that flows in transverse stream at the profiles. The unit co-acts transverse to the direction by deformation of the profile sections.

IPC 8 full level

F25B 39/00 (2006.01); **F28D 1/047** (2006.01); **F28F 1/02** (2006.01)

CPC (source: EP)

F25B 39/00 (2013.01); **F28D 1/0473** (2013.01); **F28D 1/0478** (2013.01); **F28F 1/022** (2013.01); **F28F 1/025** (2013.01); **F28F 2265/20** (2013.01)

Cited by

CN111779550A; EP3511664A4; US10914524B2

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)

DE 202010014956 U1 20110224; DK 2447626 T3 20150824; EP 2447626 A2 20120502; EP 2447626 A3 20140326; EP 2447626 B1 20150708

DOCDB simple family (application)

DE 202010014956 U 20101030; DK 11008489 T 20111022; EP 11008489 A 20111022