

Title (en)

HEAT EXCHANGER FOR HEATING WATER IN A DOMESTIC BOILER OR A WATER HEATER

Title (de)

WÄRMETAUSCHER ZUM ERWÄRMEN VON WASSER IN EINEM HAUSHALTSKESSEL ODER WASSERERHITZER

Title (fr)

ÉCHANGEUR DE CHALEUR DESTINÉ À CHAUFFER L'EAU DANS UNE CHAUDIÈRE DOMESTIQUE OU UN CHAUFFE-EAU

Publication

EP 3141839 B1 20200101 (EN)

Application

EP 16187766 A 20160908

Priority

IT UB20153465 A 20150908

Abstract (en)

[origin: EP3141839A1] A heat exchanger (1) for heating water in a domestic boiler or a water heater has a casing (2); and a tubular member (3), which is configured for conveying water, is wound in a helix about a given axis (A) for forming a plurality of adjacent coils (4) housed in the casing (2), wherein the casing (2) comprises an end wall (8), which has a inner face (17) and an outer face (18); and is configured for supporting a thermally insulating device (19) along the inner face (17), and for defining an auxiliary heat exchanger (20) along the outer face (18).

IPC 8 full level

F24H 1/43 (2006.01); **F28D 7/02** (2006.01)

CPC (source: EP)

F24H 1/43 (2013.01); **F28D 7/024** (2013.01); **F28F 2270/00** (2013.01)

Cited by

IT202100032207A1

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 3141839 A1 20170315; **EP 3141839 B1 20200101**; ES 2777541 T3 20200805; IT UB20153465 A1 20170308; PL 3141839 T3 20200629

DOCDB simple family (application)

EP 16187766 A 20160908; ES 16187766 T 20160908; IT UB20153465 A 20150908; PL 16187766 T 20160908