

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 A1 20170315 (EN)**

Application

**EP 16187766 A 20160908**

Priority

IT UB20153465 A 20150908

Abstract (en)

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)

Citation (applicant)

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- EP 1600708 A1 20051130 - RIELLO SPA [IT]
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Citation (search report)

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- [XI] WO 2005080900 A2 20050901 - COSMOGAS SRL [IT], et al
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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)

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