

Title (en)

HEAT EXCHANGER AND HEAT PUMP TYPE HOT WATER GENERATING DEVICE USING SAME

Title (de)

WÄRMETAUSCHER UND WÄRMEPUMPENARTIGE HEISSWASSERBEREITUNGSVORRICHTUNG MIT VERWENDUNG DAVON

Title (fr)

ÉCHANGEUR DE CHALEUR ET DISPOSITIF DE PRODUCTION D'EAU CHAUDE DE TYPE POMPE À CHALEUR UTILISANT CELUI-CI

Publication

EP 3220074 A4 20180815 (EN)

Application

EP 14908473 A 20141219

Priority

JP 2014083799 W 20141219

Abstract (en)

[origin: EP3220074A1] An object is to provide a heat exchanger that can effectively suppress scale precipitation without decreasing the flowrate of water flowing inside and that can simplify maintenance work, and a heat-pump hot-water generating device including this heat exchanger. To achieve this object, the heat exchanger includes: a first pipe carrying a heating medium; and a second pipe carrying water that exchanges heat with the heating medium. The heating medium flowing through the first pipe and the water flowing through the second pipe form a counterflow, and the first pipe includes an internal heat exchanger for heat exchange between the heating medium flowing upstream of the first pipe and the heating medium flowing in the first pipe.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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