

Title (en)

HOT WATER GENERATOR

Title (de)

HEISSWASSERERZEUGER

Title (fr)

GÉNÉRATEUR D'EAU CHAUDE

Publication

**EP 2933580 A1 20151021 (EN)**

Application

**EP 15163142 A 20150410**

Priority

JP 2014081659 A 20140411

Abstract (en)

A hot water generator comprising: a heat pump device formed by annularly connecting, to one another through refrigerant pipes, a compressor 3, a water-refrigerant heat exchanger 4, a decompressor 5 and an evaporator 6a; a heat medium path 12a through which heat medium heated by the water-refrigerant heat exchanger 4 flows; a hot water tank 15 in which heat medium or hot water heated by the heat medium is stored; an over pressure relief valve 11 for releasing pressure in an interior of the heat medium path 12a when this pressure becomes equal to or higher than predetermined pressure; an air vent valve 17 for venting air in the interior of the heat medium path 12a; and a casing 29 in which at least the water-refrigerant heat exchanger 4, the heat medium path 12a, the hot water tank 15, the overpressure relief valve 11 and the air vent valve 17 are accommodated, wherein the casing 29 is provided with an operating portion cover 25 which can open and close, or can attach and detach, and the overpressure relief valve 11 and the air vent valve 17 are placed on an inner side of the operating portion cover 25. This hot water generator has excellent installation performance and maintenance performance, and an installation area thereof can be saved.

IPC 8 full level

**F24H 4/04** (2006.01); **F24H 9/02** (2006.01)

CPC (source: EP)

**F24H 1/182** (2013.01); **F24H 4/04** (2013.01); **F24H 9/02** (2013.01)

Citation (applicant)

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Designated extension state (EPC)

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