

Title (en)
HOT WATER SUPPLY DEVICE

Title (de)
WARMWASSERVERSORGUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ALIMENTATION EN EAU CHAUDE

Publication
EP 4033173 A4 20221109 (EN)

Application
EP 20885964 A 20201029

Priority
• JP 2019200771 A 20191105
• JP 2020040651 W 20201029

Abstract (en)
[origin: EP4033173A1] The hot water supply apparatus (1) includes a heat exchanger (3) configured to heat water for hot water supply, and a pressure controller (6) provided in a subsequent stage of the heat exchanger (3) and configured to pressurize the water for hot water supply. The hot water supply apparatus (1) further includes a trap (7) for promoting deposition of scale, in a subsequent stage of the pressure controller (6).

IPC 8 full level
F24D 19/00 (2006.01); **F24D 17/00** (2022.01); **F24D 17/02** (2006.01); **F28F 19/01** (2006.01)

CPC (source: CN EP US)
F24D 17/0031 (2013.01 - EP); **F24D 17/02** (2013.01 - EP); **F24D 19/0092** (2013.01 - EP); **F24H 1/18** (2013.01 - US);
F24H 4/02 (2013.01 - CN US); **F24H 9/0005** (2013.01 - CN); **F28F 19/01** (2013.01 - EP)

Citation (search report)
• [XY] JP 2016117051 A 20160630 - MITSUBISHI ELECTRIC CORP
• [Y] JP 3185318 U 20130808
• [Y] JP 2015161437 A 20150907 - FUJITSU GENERAL LTD
• See also references of WO 2021090758A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4033173 A1 20220727; **EP 4033173 A4 20221109**; AU 2020379962 A1 20220526; AU 2020379962 B2 20231221; CA 3155778 A1 20210514;
CA 3155778 C 20240528; CN 114630994 A 20220614; JP 2021076365 A 20210520; JP 7071672 B2 20220519; US 2022260280 A1 20220818;
WO 2021090758 A1 20210514

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EP 20885964 A 20201029; AU 2020379962 A 20201029; CA 3155778 A 20201029; CN 202080076731 A 20201029;
JP 2020040651 W 20201029; JP 2020181297 A 20201029; US 202217735633 A 20220503