

Title (en)
HOT-WATER SUPPLY UNIT

Title (de)
HEISSWASSERVERSORGUNGSINHEIT

Title (fr)
UNITÉ D'ALIMENTATION EN EAU CHAUD

Publication
EP 3462105 A1 20190403 (EN)

Application
EP 17193820 A 20170928

Priority
EP 17193820 A 20170928

Abstract (en)
Provided is a hot-water supply unit (100), comprising: a housing (200); a tank (300); thermal insulator (400) substantially surrounding the tank; a heating mechanism (700) disposed within a machine space (110) formed by the housing and positioned above the thermal insulator; an electric component unit (800) disposed within the machine space and having a component box (810, 820) accommodating an electric component. The housing and the thermal insulator form a clearance space (120) extending at least from the lower end of the thermal insulator to the upper end of the thermal insulator. The housing defines a first housing opening (242), and is configured such that the clearance space communicates with the outside of the housing via the first housing opening. The component box is configured such that the inside of the component box communicates with the outside of the housing via the first housing opening.

IPC 8 full level
F24H 4/04 (2006.01); **F24H 1/18** (2006.01); **F24H 9/02** (2006.01); **F24H 9/06** (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)
F24H 1/182 (2013.01 - EP); **F24H 4/04** (2013.01 - EP); **F24H 9/02** (2013.01 - EP); **F24H 9/06** (2013.01 - EP); **F24H 9/2007** (2013.01 - EP US); **F24H 9/2021** (2013.01 - EP US); **F24H 15/281** (2022.01 - EP US); **F24H 15/395** (2022.01 - EP US); **F24H 15/421** (2022.01 - EP US); **F24H 15/464** (2022.01 - EP US)

Citation (applicant)
CN 104930702 A 20150923 - GUANDONG MIDEA HVAC EQUIPMENT, et al

Citation (search report)
• [A] EP 2933580 A1 20151021 - PANASONIC IP MAN CO LTD [JP]
• [A] JP 2013221695 A 20131028 - MITSUBISHI ELECTRIC CORP
• [A] JP 2016191535 A 20161110 - DAIKIN IND LTD
• [A] EP 2413061 A1 20120201 - MITSUBISHI ELECTRIC CORP [JP]
• [A] JP 2017072366 A 20170413 - TOSHIBA CARRIER CORP

Cited by
JP2021148404A

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)
EP 3462105 A1 20190403

DOCDB simple family (application)
EP 17193820 A 20170928