

Title (en)

Hot water storage unit, relief device and method of making a hot water storage unit

Title (de)

Warmwasserspeichereinheit, Entlastungsvorrichtung und Verfahren zur Herstellung einer Warmwasserspeichereinheit

Title (fr)

Unité de stockage d'eau chaude, dispositif de détente et procédé de fabrication de ladite unité

Publication

EP 3048383 B1 20240327 (EN)

Application

EP 15152370 A 20150123

Priority

EP 15152370 A 20150123

Abstract (en)

[origin: EP3048383A1] A hot water storage unit 100 having a vessel 102, in which hot water is storable, an outer casing 104 enclosing the vessel 102, a hot water outlet 114 for heated water to exit from inside the vessel 102, and a relief device 106. The relief device 106 relieves excess pressure and/or temperature from inside the vessel 102 by allowing water to escape from inside the vessel 102 and exit from the relief device 106. The relief device 106 comprises a housing 108 containing the operational components of the relief device 106. The relief device 106 is removably retainable relative to the vessel 102 such that the housing 108 of the relief device 106 is located substantially behind the outer casing 104 of the hot water storage unit 100 on the inner side 122 of the outer casing 104. The hot water storage unit 100 can be made by removably retaining the relief device 106 relative to the vessel 102 and placing the outer casing 104 around the vessel 102 so that the housing 108 of the relief device 106 is located substantially behind the outer casing 104, on the inner side 122 of the outer casing 104, after the outer casing 104 has been placed around the vessel 102.

IPC 8 full level

F24H 1/18 (2022.01); **F16K 31/00** (2006.01); **F24H 1/12** (2022.01); **F24H 9/02** (2006.01); **F24H 9/16** (2022.01); **F24H 9/20** (2022.01)

CPC (source: EP US)

F24H 1/188 (2013.01 - EP); **F24H 9/16** (2013.01 - EP); **F24H 9/2021** (2013.01 - EP US); **F24H 1/182** (2013.01 - EP)

Cited by

WO2024066845A1

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

DOCDB simple family (publication)

EP 3048383 A1 20160727; EP 3048383 B1 20240327

DOCDB simple family (application)

EP 15152370 A 20150123