

Title (en)

Hot water tank with pressure relief device

Title (de)

Warmwasserspeicher mit Druckentlastungseinrichtung

Title (fr)

Accumulateur d'eau chaude avec dispositif de décharge de pression

Publication

EP 2607811 A3 20151223 (DE)

Application

EP 12197561 A 20121217

Priority

DE 102011089447 A 20111221

Abstract (en)

[origin: EP2607811A2] The hot water tank (1) comprises a tank casing (4) that stores the warm water. An inlet connecting piece (6) supplies cold water into the tank casing. A discharge connecting piece (8) removes the warm water from the tank casing. A pressure relief device (2) is formed to provide a fluid connection between the inlet connecting piece and discharge connecting piece during a pressure relief. The pressure relief device is provided with a relief bypass unit (3) and a closure unit (7).

IPC 8 full level

F24H 9/12 (2006.01); **F16K 17/00** (2006.01)

CPC (source: EP)

F24H 9/136 (2022.01)

Citation (search report)

- [XAI] US 2210555 A 19400806 - JACOB PODOLSKY
- [A] US 4607615 A 19860826 - BOALS WAYNE S [US]
- [A] WO 9951902 A1 19991014 - CONBRACO IND INC [US]
- [A] DE 19501320 A1 19960725 - FORBACH GMBH [DE]

Cited by

DE202019001248U1; CN108759095A; CN108613372A; US11773572B2; WO2020007776A1; EP4242529A3; EP4242530A3; EP4242531A3

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 2607811 A2 20130626; EP 2607811 A3 20151223; EP 2607811 B1 20170315; DE 102011089447 A1 20130627

DOCDB simple family (application)

EP 12197561 A 20121217; DE 102011089447 A 20111221