

Title (en)

Hot water tank with excess pressure shut-off

Title (de)

Warmwasserspeicher mit Überdruckabschaltung

Title (fr)

Accumulateur d'eau chaude avec arrêt en cas de surpression

Publication

EP 2604945 A3 20151209 (DE)

Application

EP 12196951 A 20121213

Priority

DE 102011088916 A 20111216

Abstract (en)

[origin: EP2604945A2] The hot water accumulator (1) has a tank (4) for storing the hot water, an inlet (6) for supplying cold water in the tank, an outlet (8) for removing the hot water from the tank and a pressure unit (2) arranged between the inlet and the tank. The pressure unit is provided for interrupting the cold water supply in case of failure. The pressure unit has a sealing element (3) arranged in a flow direction (D) of the cold water.

IPC 8 full level

F24H 9/12 (2006.01); **F16K 15/02** (2006.01); **F16K 31/122** (2006.01)

CPC (source: EP)

F24H 9/136 (2022.01)

Citation (search report)

- [X] WO 9966269 A1 19991223 - ULKA SRL [IT], et al
- [Y] DE 2631319 A1 19780119 - GIKEN CO
- [I] DE 9207534 U1 19920730
- [A] WO 2009150495 A1 20091217 - GUNTER ADRIAAN STEFANIS [ZA], et al
- [Y] DE 20201190 U1 20020718 - SUHL ELEKTRO & HAUSGERAETEWERK [DE]

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 2604945 A2 20130619; EP 2604945 A3 20151209; EP 2604945 B1 20190911; DE 102011088916 A1 20130620;
DE 102011088916 B4 20130814; DE 102011088916 C5 20190627

DOCDB simple family (application)

EP 12196951 A 20121213; DE 102011088916 A 20111216