

Title (en)

COMPENSATION ASSEMBLY AND HOT WATER STORAGE TANK

Title (de)

AUSGLEICHSBAUGRUPPE UND WARMWASSERSPEICHER

Title (fr)

ENSEMble DE COMPENSATION ET RÉSERVOIR DE STOCKAGE D'EAU CHAUDE

Publication

EP 4264134 A1 20231025 (DE)

Application

EP 21801898 A 20211028

Priority

- DE 102020134298 A 20201218
- EP 2021079974 W 20211028

Abstract (en)

[origin: WO2022128223A1] The invention relates to a compensation assembly (70) for use in a hot water device (1), in particular in a hot water storage tank for domestic use, and an associated hot water device (1), the hot water device (1) comprising a water tank (10) for holding water to be heated, and the compensation assembly (70) comprising a compensation vessel and a ventilation component (80) which allows air to be exchanged between the compensation vessel and the atmosphere. The ventilation component (80) includes a blocking element, in particular a swell plate and/or a ball valve, said blocking element being designed to prevent water from leaking from the compensation vessel via the ventilation component (80).

IPC 8 full level

F24D 3/10 (2006.01); **F24D 17/00** (2022.01); **F24D 19/08** (2006.01); **F24H 1/20** (2022.01)

CPC (source: EP US)

F24D 3/1008 (2013.01 - EP US); **F24D 17/0089** (2013.01 - EP US); **F24D 19/083** (2013.01 - EP US); **F24H 1/201** (2013.01 - US);
F24H 1/202 (2013.01 - EP); **F24D 2200/08** (2013.01 - EP US); **F24D 2220/08** (2013.01 - EP US)

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)

WO 2022128223 A1 20220623; AU 2021399610 A1 20230615; DE 102020134298 A1 20220623; EP 4264134 A1 20231025;
US 2024044516 A1 20240208

DOCDB simple family (application)

EP 2021079974 W 20211028; AU 2021399610 A 20211028; DE 102020134298 A 20201218; EP 21801898 A 20211028;
US 202118267123 A 20211028