

Title (en)

HEAT RESERVOIR AND HEAT EXCHANGER FOR SAID HEAT RESERVOIR

Title (de)

WÄRMESPEICHER UND WÄRMETAUSCHER FÜR DIESEN WÄRMESPEICHER

Title (fr)

ACCUMULATEUR DE CHALEUR ET ÉCHANGEUR DE CHALEUR POUR CET ACCUMULATEUR DE CHALEUR

Publication

**EP 4374124 A1 20240529 (DE)**

Application

**EP 22758122 A 20220721**

Priority

- AT 601982021 A 20210721
- AT 2022060265 W 20220721

Abstract (en)

[origin: WO2023000011A1] The invention relates to a heat reservoir (1) and a heat exchanger (7) therefor, having a first and second connection (8, 9), having a corrugated pipe (12) which is provided in the flow path (10) between the first and second connections (8, 9) and has a first pipe portion (13a) which is connected to the first connection (8), and a second pipe portion (13b) which adjoins said first pipe portion (13a) and extends helically. According to the invention, in order to ensure high pressure resistance, the heat exchanger (7) has a reinforcement (14) which is provided in the corrugated pipe (12), extends in the first pipe portion (13a) and ends in the second pipe portion (13b).

IPC 8 full level

**F28D 1/047** (2006.01); **F28D 20/00** (2006.01); **F28F 1/10** (2006.01); **F28F 9/013** (2006.01)

CPC (source: EP)

**F28D 1/0472** (2013.01); **F28D 20/0034** (2013.01); **F28F 1/105** (2013.01); **F28F 9/013** (2013.01); **F28D 20/0039** (2013.01); **F28D 20/0078** (2013.01); **F28D 20/0086** (2013.01); **F28F 2225/04** (2013.01); **F28F 2255/02** (2013.01)

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 2023000011 A1 20230126**; EP 4374124 A1 20240529

DOCDB simple family (application)

**AT 2022060265 W 20220721**; EP 22758122 A 20220721