

Title (en)

BACK-UP HEATING FOR A HEAT PUMP SYSTEM

Title (de)

NOTHEIZUNG FÜR EIN WÄRMEPUMPENSYSTEM

Title (fr)

CHAUFFAGE DE SECOURS POUR SYSTÈME DE POMPE À CHALEUR

Publication

**EP 4361521 A1 20240501 (EN)**

Application

**EP 22203603 A 20221025**

Priority

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Abstract (en)

Providing a back-up heater for heating water in a heat pump system, wherein the back-up heater comprises a tank, a heating element inside the tank, a removable cap positioned over an end of the tank, wherein the tank comprises an inlet for a main water flow at a side of the tank and an outlet for a main water flow at a side of the tank, wherein tank and removable cap are made from plastic and wherein the tank is formed as a single piece of plastic. Such a back-up heater allows for a design of the back-up heater wherein the back-up heater is easy to assemble, can be construed into a variety of shapes and can be build-up in a modular fashion.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [Y] CN 101970940 B 20130807 - DAIKEN CORP, et al
- [XYI] DE 3403359 A1 19850801 - ELTRA GMBH & CO KG LEICHT & TR [DE]
- [XI] US 4185187 A 19800122 - ROGERS DAVID H [US]
- [Y] CN 114938640 A 20220823

Designated contracting state (EPC)

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DOCDB simple family (application)

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