

Title (en)
FLUID ACCUMULATOR HEATED BY TWO HEAT SOURCES

Publication
EP 0056100 A3 19830323 (DE)

Application
EP 81109315 A 19811030

Priority
DE 8100498 U 19810108

Abstract (en)
[origin: EP0056100A2] 1. A reservoir (1) for water for consumption comprising a cold water inlet (3) adjacent to the bottom of the container, a water outlet (4) in the upper portion of the container, a fuel-operated first heat source (8) and a second heat source, which is independent of the first and disposed below the some adjacent to the bottom, wherein the two heat sources are controlled by respective temperature sensors (17 and 14) and the temperatur sensor (14) for the fuel-operated heat source (8) is disposed above the other temperature sensor (17), characterized in that the second heat source is an electric heater (20) that is provided with a temperature sensor (17), which is associated with the cold water inlet (3) and is responsive to a higher temperature than the first temperature sensor (17), and that a response of the first temperature sensor (14) causes the fuel-operated heat source (8) to be started and the electric heater (20) to be de-energized.

IPC 1-7
F24H 1/20; **F24H 9/20**

IPC 8 full level
F24H 1/20 (2006.01); **F24H 9/20** (2006.01)

CPC (source: EP US)
F24H 1/20 (2013.01 - EP); **F24H 9/2007** (2013.01 - EP US); **F24H 15/174** (2022.01 - EP US); **F24H 15/225** (2022.01 - EP US); **F24H 15/36** (2022.01 - EP US); **F24H 15/37** (2022.01 - EP US)

Citation (search report)
• [X] DE 2710139 A1 19780914 - KREIBAUM OTTO ING GRAD
• [X] FR 2402841 A2 19790406 - PECHINEY UGINE KUHLMANN [FR]
• [X] DE 2712733 A1 19780928 - FROELING KESSEL APP
• [X] IKZ, FACHZEITSCHRIFT FÜR SANITÄR-HEIZUNG-KLIMA, Heft 19, 1979, Seiten 39-54, Arnsberg, DE.

Cited by
US5960157A; CN103206781A; CN109163455A; US6058245A; CN110131783A

Designated contracting state (EPC)
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DOCDB simple family (publication)
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