

Title (en)

NEW TYPE WATER HEATER WITH BUFFER TANK

Title (de)

NEUARTIGER WASSERERHITZER MIT PUFFERTANK

Title (fr)

NOUVEAU TYPE DE CHAUFFE-EAU DOTÉ DE RÉSERVOIR TAMPON

Publication

**EP 3827205 A1 20210602 (EN)**

Application

**EP 19708355 A 20190125**

Priority

- GR 20180100343 A 20180725
- GR 2019000005 W 20190125

Abstract (en)

[origin: WO2020021293A1] The invention relates to a water heater with buffer tank, which consists of an outer container (1) and an inner container (2) with an insulating material (3) between them. The containers are sealed with a lid (13). The containers have electrical and hydraulic ends for connection to existing systems. Inside the inner container there are individual or combined heat exchangers for hot water use (9), a hot water boiler (10), geothermal energy and heat pump (11), as well as a solar energy exchanger (12). Internally, there are one or more single-phase or three-phase resistors (4).

IPC 8 full level

**F24D 11/00** (2006.01); **F24H 1/18** (2006.01); **F24H 1/20** (2006.01); **F24H 1/52** (2006.01); **F24H 7/02** (2006.01); **F24H 7/04** (2006.01); **F24H 9/06** (2006.01); **F28D 20/00** (2006.01)

CPC (source: EP GR)

**F24D 11/004** (2013.01 - EP); **F24H 1/182** (2013.01 - EP GR); **F24H 1/202** (2013.01 - EP GR); **F24H 1/208** (2013.01 - EP); **F24H 1/52** (2013.01 - EP); **F24H 7/0233** (2013.01 - EP); **F24H 7/0433** (2013.01 - EP); **F24H 9/06** (2013.01 - EP GR); **F28D 7/022** (2013.01 - EP); **F28D 20/0039** (2013.01 - EP); **F24D 2200/08** (2013.01 - EP); **F24D 2200/32** (2013.01 - EP); **F24D 2220/08** (2013.01 - EP); **Y02E 60/14** (2013.01 - EP); **Y02E 70/30** (2013.01 - EP)

Citation (search report)

See references of WO 2020021293A1

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)

**WO 2020021293 A1 20200130**; EP 3827205 A1 20210602; GR 20180100343 A 20200318

DOCDB simple family (application)

**GR 2019000005 W 20190125**; EP 19708355 A 20190125; GR 20180100343 A 20180725