

Title (en)
WATER HEATER

Title (de)
WARMWASSERBEREITER

Title (fr)
CHAUFFE-EAU

Publication
EP 3904782 A4 20220302 (EN)

Application
EP 20809390 A 20200228

Priority
• CN 201920737073 U 20190522
• CN 2020077159 W 20200228

Abstract (en)
[origin: EP3904782A1] A water heater. The water heater comprises: an outer machine (1), a refrigerant being provided in the outer machine (1); and heat storage devices (2), each heat storage device (2) comprising an air inlet pipe (20) and a liquid outlet pipe (21) communicated with the outer machine (1). The outer machine (1) can make the refrigerant flow from the air inlet pipe (20) to the heat storage devices (2) and flow out from the liquid outlet pipe (21), so that the heat storage device (2) can store heat. The number of the heat storage devices (2) is at least two, the at least two heat storage devices (2) are connected in parallel, the liquid outlet pipe (21) of any heat storage device (2) is provided with a valve (22), and the valve (22) is used for adjusting the flow rate of the refrigerant passing through the heat storage device (2).

IPC 8 full level
F24H 4/02 (2022.01); **F24D 3/18** (2006.01); **F24D 17/02** (2006.01); **F24D 19/10** (2006.01); **F24H 1/00** (2022.01); **F24H 4/04** (2006.01); **F24H 9/20** (2022.01); **F25B 41/00** (2021.01); **F28D 20/02** (2006.01)

CPC (source: EP US)
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