

Title (en)
Instant boiler for heating water

Title (de)
Durchlaufwassererhitzer

Title (fr)
Chauffe-eau instantané

Publication
EP 1617149 A1 20060118 (EN)

Application
EP 05106424 A 20050713

Priority
IT UD20040146 A 20040714

Abstract (en)
Instant boiler (10) for heating water, comprising a first closed hydraulic circuit (11), in which a heat carrier fluid circulates, associated by means of a heat exchanger (12) with a second hydraulic circuit (13) connected to a user apparatus (15), and in which the water to be heated circulates. The first hydraulic circuit (11) comprises a pipe (16), burners (19) to heat the heat carrier fluid, an accumulation member (21) connected to the pipe (16) to contain and maintain at temperature a determinate quantity of heat carrier fluid, and valve members (20) associated with the pipe (16), in order to selectively divert the heat carrier fluid towards the accumulation members (21) or towards the heat exchanger (12).

IPC 8 full level
F24D 3/08 (2006.01)

CPC (source: EP)
F24H 1/52 (2013.01); **F24D 11/00** (2013.01)

Citation (search report)

- [X] FR 2817610 A1 20020607 - DIETRICH THERMIQUE [FR]
- [XA] AT 400629 B 19960226 - VAILLANT GMBH [AT]
- [A] EP 0635682 A1 19950125 - NEOVIA S R L [IT]
- [A] DE 19948703 A1 20010412 - BUDERUS HEIZTECHNIK GMBH [DE]

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1617149 A1 20060118; IT UD20040146 A1 20041014

DOCDB simple family (application)
EP 05106424 A 20050713; IT UD20040146 A 20040714