

Title (en)
Mixed boiler

Title (de)
Kombinierter Wasserheizer

Title (fr)
Chaudière mixte

Publication
EP 0617240 B1 19971029 (DE)

Application
EP 94104393 A 19940321

Priority
DE 9304220 U 19930322

Abstract (en)
[origin: EP0617240A2] Mixed boiler for the provision of domestic hot water and heating water, having a primary heat exchanger (3), ... domestic hot water heat exchanger (11) which can be connected during drawing operation, and a flow temperature regulator (21) which is assigned a comparator (22) connected to a flow temperature setpoint generator (19) with a flow temperature sensor (18). In order to be able optimally to regulate the outlet temperature of domestic hot water, too, provision is made, when the domestic hot water heat exchanger (11) is activated, for the input, connected to the flow temperature setpoint generator (19), of the comparator (22) assigned to the flow temperature regulator (21) to be supplied with the output signal of a domestic hot water temperature regulator (23) which is connected, on the input side, to a comparator (24) whose inputs are connected to a domestic hot water outlet temperature sensor (26) and a domestic hot water setpoint generator (20). <IMAGE>

IPC 1-7
F24D 19/10

IPC 8 full level
F24D 19/10 (2006.01)

CPC (source: EP US)
F24D 19/1069 (2013.01 - EP US); **F24H 15/175** (2022.01 - EP US); **F24H 15/219** (2022.01 - EP US); **F24H 15/31** (2022.01 - EP US); **F24H 15/36** (2022.01 - EP US); **F24H 15/414** (2022.01 - EP US)

Cited by
EP0953808A3; CN112840161A

Designated contracting state (EPC)
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EP 0617240 A2 19940928; EP 0617240 A3 19941123; EP 0617240 B1 19971029; DE 4409855 A1 19940929; DE 59404448 D1 19971204

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