

Title (en)
Gas fired instantaneous water heater

Title (de)
Gasbeheizter Durchlaufwassererhitzer

Title (fr)
Chauffe-eau instantanée à gaz

Publication
EP 1063481 B1 20060118 (DE)

Application
EP 00111998 A 20000620

Priority
• DE 19930236 A 19990625
• DE 19932264 A 19990707
• DE 19942623 A 19990828

Abstract (en)
[origin: EP1063481A2] The water heater (1) has a heat exchanger (3) heated by a burner (2) and mounted in a water path (22) contg. a limiter (16) and throughput sensor (14) and leading from a cold water source (12) to a tap valve (19). The throughput sensor signal is used to adjust a gas valve (8) in a gas line (7) to the burner. A water path bypass line (24) governed by a choke valve (25) is connected in parallel with the series circuit contg. the limiter and heat exchanger and contains a further limiter (27).

IPC 8 full level
F24H 9/20 (2006.01)

CPC (source: EP US)
F24H 9/2035 (2013.01 - EP US); **F24H 15/219** (2022.01 - EP US); **F24H 15/238** (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
EP4219986A1; WO2023143851A1; CN106556151A; CN108826704A; ITMI20110245A1; EP4155620A1; WO2023046467A1

Designated contracting state (EPC)
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EP 1063481 A2 20001227; **EP 1063481 A3 20021204**; **EP 1063481 B1 20060118**; AT E316230 T1 20060215; DE 10030118 A1 20001228; DE 50012064 D1 20060406

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