

Title (en)
GAS-FIRED INSTANTANEOUS WATER HEATER.

Title (de)
GASBEHEIZTER DURCHLAUF-WASSERERHITZER.

Title (fr)
CHAUFFE-EAU INSTANTANE CHAUFFE AU GAZ.

Publication
EP 0429450 B1 19950621 (DE)

Application
EP 89903459 A 19890322

Priority
• DE 8900180 W 19890322
• DE 3810836 A 19880330

Abstract (en)
[origin: WO8909367A1] A gas-fired instantaneous water heater is so designed that even when the water drawn is not heated to the maximum temperature (warm water), the pre-selected delivery temperature is independent of the quantity delivered per unit time. To this end, a control valve (84) acted upon by the actuator (40, 48) of the flow switch (34) is arranged in the bypass channel (80) in series with the manual control valve (86) for selecting the temperature. When the tapping valve (20) is turned on, the control valve (84) first throttles and then gradually opens the bypass channel (80). The preferred field of application is gas-fired instantaneous water heaters for supplying hot and warm water for domestic use.

IPC 1-7
F23N 1/08

IPC 8 full level
F23N 1/08 (2006.01)

CPC (source: EP KR)
F23N 1/08 (2013.01 - EP KR); **F23N 2235/16** (2020.01 - EP); **F23N 2235/18** (2020.01 - EP); **F23N 2235/20** (2020.01 - EP); **F23N 2235/24** (2020.01 - EP); **F23N 2237/20** (2020.01 - EP)

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DE FR GB IT

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WO 8909367 A1 19891005; AU 3282589 A 19891016; DE 3810836 A1 19891012; DE 58909312 D1 19950727; EP 0429450 A1 19910605; EP 0429450 B1 19950621; ES 2013131 A6 19900416; KR 900700826 A 19900817; PT 90155 A 19891110; PT 90155 B 19940531

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DE 8900180 W 19890322; AU 3282589 A 19890322; DE 3810836 A 19880330; DE 58909312 T 19890322; EP 89903459 A 19890322; ES 8901117 A 19890330; KR 890702196 A 19891127; PT 9015589 A 19890329