

Title (en)
BOILER FOR HOT WATER HEATING

Publication
EP 0025769 A3 19810513 (DE)

Application
EP 80710021 A 19800911

Priority
DE 2936631 A 19790911

Abstract (en)
[origin: EP0025769A2] In a boiler for hot water heating systems, the combustion chamber is surrounded by a water jacket which is connected to a heating system return run and a heating system forward run. A jet (9) from a burner projects into the combustion chamber, which is surrounded in the manner of a sleeve or passed through by a water jacket with openings which is connected to an inward pipe (24) for water to be heated and an outward pipe (23) for hot water. This water jacket around the jet (9) can consist of a spiral pipe which tapers conically towards the burner. The inward pipe (24) is connected on the one hand to a fresh water feeder (38) and on the other hand to the water jacket (4) surrounding the combustion chamber and to the heating system return run (2) respectively. The outward pipe (23) is connected to the water jacket (4) of the combustion chamber and the heating system forward run (3) respectively or to a hot water utiliser (32). <IMAGE>

IPC 1-7
F24H 1/44; **F24H 1/43**; **F24H 1/32**; **F24H 9/18**

IPC 8 full level
F24H 1/32 (2006.01); **F24H 1/43** (2006.01); **F24H 1/44** (2006.01); **F24H 9/18** (2006.01)

CPC (source: EP)
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Citation (search report)

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