

Title (en)

CENTRAL HEATING INSTALLATION WITH A SANITARY HOT WATER CIRCUIT

Publication

EP 0329508 B1 19920318 (FR)

Application

EP 89400269 A 19890131

Priority

FR 8801800 A 19880216

Abstract (en)

[origin: EP0329508A1] Central heating installation equipped with a domestic hot water, or sanitary water, circuit, which comprises a heating apparatus comprising a shell, the internal part of which is equipped with a burner, in particular a gas burner, and on which there is rolled up or not a pipe of the heating circuit, which then passes through a bank of fins situated on the upper part of the shell, on the trajectory of the hot gases, the heating circuit in passing through the bank of fins being made in the form of a large number of flattened tubes connected to one another by elbows and the sanitary hot water circuit being made in the form of a pin-shaped or serpentine-shaped tube and arranged inside said flattened tubes on passing through the bank of fins, characterised in that: - the tubes (12') of the sanitary hot water circuit, arranged in the manner of a pin or of a serpentine in the flattened tubes (10') of the heating water circuit, are not in contact with the latter and - the dimensions of said flattened tubes (10') and of said tubes (12') are chosen in such a manner that the volume of water contained between the flattened tubes and the convolutions of the tubes in the form of a pin is as small as possible. <IMAGE>

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