

Title (en)

HOT WATER ACCUMULATOR AND PROCESS FOR HEATING THIS ACCUMULATOR

Publication

EP 0323942 B1 19911009 (FR)

Application

EP 89430001 A 19890105

Priority

FR 8800235 A 19880108

Abstract (en)

[origin: EP0323942A1] -The present invention relates to a hot water accumulator comprising a metal tank (1) arranged inside a heat-insulated envelope (2) and also comprising means of heating (9/14) water contained in the tank and thermostatic means (11) for regulation of the temperature of the distributed water, the control box of which is situated outside the tank, characterised in that it comprises, moreover, a heat exchanger (6) situated inside the tank (1) and submerged in the water contained therein, which has its temperature raised by said means of heating (9/14), which exchanger (6) comprises a cold water inlet pipe (6a), which penetrates the lower part of the tank (1), and a hot water outlet pipe (6d) which passes through the tank in its upper part (7) and which extends parallel to the wall of the tank through the layer of heat insulator (5) to reach the lower part of the latter and the probe (1a) of which for said thermostatic means (11) is arranged in a "glove finger" (10) next to the part (6b) of the cold water inlet pipe situated inside the tank (1). -Finds application in sanitary water services. <IMAGE>

IPC 1-7

F24H 1/18; **F24H 1/22**; **F24H 7/04**; **F24H 9/06**

IPC 8 full level

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CPC (source: EP)

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Cited by

ITPA20080020A1; FR3040204A1; CN102878680A; US6577817B2; US6198879B1; WO2007145521A1; WO2012000001A3; WO0077457A1

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