

Title (en)

A NEW CONCEPT, FAST-ACTING WATER STORAGE HEATER

Title (de)

SCHNELLANSPRECHENDER WARMWASSERSPEICHER

Title (fr)

NOUVEAU CONCEPT, CHAUFFE-EAU RAPIDE A CAPACITE DE STOCKAGE

Publication

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Application

EP 01915301 A 20010228

Priority

- EP 0102225 W 20010228
- IT AN20000006 A 20000303

Abstract (en)

[origin: WO0165186A1] This invention describes a method for heating water to be used for sanitary purposes in a storage tank (5) and certain pieces of equipment which implement this method. The invention's main feature is that when the cold water from the main water supply system enters the said storage tank (5), it is forced to pass across a portion (15.b) of a heat exchanger (15), which is sufficiently powerful to bring the said water immediately up to, or very close to, the usage temperature. The said heat exchanger (15) also heats up the water during the storage phases. The advantage of this invention is that the negative effects of the mixing of the cold incoming water with the already heated water in the storage tank (5) are either eliminated or significantly reduced.

IPC 1-7

F24H 1/20; **F24D 3/08**

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

See references of WO 0165186A1

Cited by

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WO 0165186 A1 20010907; AT E315208 T1 20060215; AU 4243801 A 20010912; CZ 20022816 A3 20030212; DE 60116473 D1 20060330; DE 60116473 T2 20060928; EP 1261828 A1 20021204; EP 1261828 B1 20060104; ES 2256218 T3 20060716; HU P0301079 A2 20030828; IT 1316723 B1 20030512; IT AN20000006 A0 20000303; IT AN20000006 A1 20010903; PL 365117 A1 20041227

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