

Title (en)
Hot-water storage heater

Title (de)
Heizung für Warmwasserspeicher

Title (fr)
Chauffe-eau à accumulation

Publication
EP 0747642 A1 19961211 (EN)

Application
EP 96201587 A 19960606

Priority
NL 1000503 A 19950606

Abstract (en)
A hot-water storage heater comprises a reservoir (1), a heating element (2) in the reservoir (1), a supply channel (5) opening into the reservoir (1) adjacent a first end (6) of the reservoir (1), and a delivery channel (9) having an inlet (10) adjacent a second end (11) of the reservoir (1) located opposite the first end (6) and having at least one further inlet (12) adjacent the first end (6) of the reservoir (1). The inlet (10) and the further inlet (12) interconnect adjacent the first end of the reservoir (1). As a result, cold water in the cool area of the reservoir is admixed to the hot water, so that when water is being drawn off after no water has been drawn off for a longer time, there is no initial delivery of a plug of very hot water and calcium precipitation in the delivery channel as a consequence of water heating up therein is prevented. <IMAGE>

IPC 1-7
F24H 9/12

IPC 8 full level
F24H 9/12 (2006.01)

CPC (source: EP)
F24H 9/133 (2022.01)

Citation (applicant)
GB 1142404 A 19690205 - GEN ELECTRIC

Citation (search report)

- [DX] GB 906910 A 19620926 - CYRIL HEATHCOTE HOARE
- [X] DE 150639 C
- [X] GB 1142404 A 19690205 - GEN ELECTRIC
- [A] AU 494217 B2 19771124

Cited by
EP2592361A1

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BE DE GB NL

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