

Title (en)  
A device for a water heater

Title (de)  
Vorrichtung für einen Warmwasserbereiter

Title (fr)  
Dispositif pour un chauffe-eau

Publication  
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Application  
**EP 95850104 A 19950609**

Priority  

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Abstract (en)  
The invention concerns a device for a water heater consisting of an insulated accumulation storage tank (1) together with a through-flow device (2), wherein the through-flow device (2) in the bottom area (cold water intake) (7) of the storage tank (1) and the top area (hot water outlet) (8), are connected by pipes (4,11). The pipe is provided with a temperature-controlled flow/choke valve (3) which by means of a heat-sensitive element monitors the desired temperature in the pipe (4), which valve (3) is provided after a heating element, viewed in the direction of flow. <IMAGE>

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**F24H 9/20; F24H 1/18**

IPC 8 full level  
**F24H 1/18** (2006.01); **F24H 9/20** (2006.01)

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Citation (applicant)  
SE 344631 B 19720424 - THERMIA VERKEN AB [SE]

Citation (search report)  

- [DA] SE 344631 A
- [X] EP 0309199 A2 19890329 - CHUBU ELECTRIC POWER [JP], et al
- [X] AT 397144 B 19940225 - HEIZBETRIEBE WIEN GES M B H [AT]

Cited by  
CN103423860A; EP1298395A3; JP2015152207A

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