

Title (en)

Heating apparatus with antifouling device, particularly antiscaling.

Title (de)

Heizungsvorrichtung mit Mittel zur Verhinderung von Ablagerungen, insbesondere Kesselstein.

Title (fr)

Dispositif de chauffage équipé d'un moyen anti-dépôt notamment de tartre.

Publication

EP 0514271 A1 19921119 (FR)

Application

EP 92401326 A 19920514

Priority

FR 9105970 A 19910516

Abstract (en)

Device for heating a liquid comprising an elongate heating element (8) which extends in this liquid, for the purpose in particular of producing vapour. Arranged freely on this elongate heating element (8) is an antifouling, particularly antiscaling, device (12) comprising a series of parts which are rolled around the heating element and spaced in the longitudinal direction of the latter and which, under the effect of the movement of the liquid which may be loaded with vapour and/or of the formation of vapour bubbles on the peripheral surface of the heating element (8), are displaced in relation to this surface, thus making it possible to avoid at least in part the deposit of solid matter, in particular scale, on the heating element. Said antifouling device can be constituted by a spring. <IMAGE>

IPC 1-7

F22B 1/28; H05B 3/48

IPC 8 full level

F22B 1/28 (2006.01)

CPC (source: EP)

F22B 1/284 (2013.01)

Citation (search report)

- [A] FR 2133930 A1 19721201 - DEFENSOR AG
- [A] FR 2591319 A1 19870612 - ELECTRICITE DE FRANCE [FR]
- [A] FR 2270752 A1 19751205 - ELPAG AG CHUR [CH]

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