

Title (en)
LIQUID HEATING DEVICE

Title (de)
FLÜSSIGKEITSERHITZUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE LIQUIDE

Publication
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Application
EP 12744103 A 20120724

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Abstract (en)
[origin: WO2013014390A2] The invention relates to a device (1) for heating liquid, or even for generating steam, receiving a fluid, particularly water (E), in liquid form at its inlet (5), and ejecting this fluid heated up or in gaseous form at its outlet (6), comprising a heating means (2) of cylindrical exterior shape positioned inside a sleeve (3) having a longitudinal axis (4). It comprises a scraper (7) that fits onto the heating means in such a way as to scrape it in the event of movement along said longitudinal axis (4), a stopper (8) fitted snugly between the heating means (2) and the sleeve (3) in order to stopper the passage in at least one position of said stopper (8), and a spring (9), said scraper (7), said stopper (8) and said spring (9) being configured so that an increase in the pressure of the incoming fluid causes the scraper (7) and the stopper (8) to move along said longitudinal axis (4) so that said stopper (8) is shifted to a point where the space between the heating means (2) and the sleeve (3) is such that it allows said fluid to pass, and so that a reduction in the pressure of the incoming fluid causes a shift in the opposite direction by virtue of said return spring (9).

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