

## Title (en)

Device for generating heated liquid with increased pressure

## Title (de)

Vorrichtung zur Erzeugung einer erhitzten Flüssigkeit unter erhöhtem Druck

## Title (fr)

Dispositif pour la génération d'un liquide chauffé sous pression élevée

## Publication

**EP 1746360 A1 20070124 (EN)**

## Application

**EP 06015151 A 20060720**

## Priority

NL 1029569 A 20050720

## Abstract (en)

A method is described for generating heated liquid under increased pressure, wherein the liquid is sucked from a reservoir (1) through a suction line (2) by a pump (5), and wherein the liquid is heated by means of at least one first heat exchanger (4) arranged in the suction line (2). Further, a device is described for generating heated liquid under increased pressure, comprising a liquid reservoir (1); a pump (5), of which an input is connected to the liquid reservoir (1) through a suction line (2); and a first heat exchanger (4) arranged in the suction line (2). The device has two output lines (7;8) connected in parallel to an output of the pump (5); and a second heat exchanger (11) arranged in a first of these output lines (7). Thus, the liquid flow delivered by the pump (5) under increased pressure is divided into a first subflow and a second subflow, wherein the first subflow is further heated by the second heat exchanger (11).

## IPC 8 full level

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## CPC (source: EP)

**A47L 11/4083** (2013.01); **A47L 11/4088** (2013.01); **B08B 3/00** (2013.01); **B08B 3/026** (2013.01); **B08B 9/04** (2013.01)

## Citation (applicant)

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## Citation (search report)

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## Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

## Designated extension state (EPC)

AL BA HR MK YU

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## DOCDB simple family (application)

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