

Title (en)
HEATING DEVICE

Title (de)
HEIZVORRICHTUNG

Title (fr)
DISPOSITIF DE CHAUFFAGE

Publication
EP 3805661 A1 20210414 (EN)

Application
EP 19020561 A 20191008

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Abstract (en)
The invention relates to devices for heating liquid heat transfer media intended for heating a heating medium in heating systems. It comprises modules, each of which is made in the form of a cylindrical shell with a bottom and inlet and outlet nozzles and is equipped with an electric heater. The heater is designed as a cylindrical cartridge heater and is fixed on the shell's axis by means of a threaded flange forming an annular gap, with its thickness range reaching 0.5 to 5.0 mm. The circular annular gap on the cylindrical surface of the cartridge heater is equipped with a helical winding. The nozzles are installed on opposite sides in the upper and lower parts of the shell and are connected to the nozzles of the adjacent module, thus forming a single closed heating space. EFFECT: enhanced heating efficiency of the liquid heat transfer medium. 1 drawing.

IPC 8 full level
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Citation (applicant)
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• RU 2166153 C2 20010427 - KHUSAINOV VLADIMIR BORISOVICH
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