

Title (en)
FEEDING BOILER FOR HEATING WATER OR OTHER THERMAL FLUID LINES WITH MODULAR HEAT EXCHANGER AND CLEANING SYSTEM

Title (de)
VERSORGUNGSSHEIZKESSEL ZUM ERWÄRMEN VON WASSER- ODER ANDEREN WÄRMEFLÜSSIGKEITSLEITUNGEN MIT MODULAREM WÄRMETAUSCHER UND REINIGUNGSSYSTEM

Title (fr)
CHAUDIÈRE D'ALIMENTATION POUR CONDUITES D'EAU DE CHAUFFAGE OU D'AUTRES FLUIDES THERMIQUES DOTÉE D'UN ÉCHANGEUR DE CHALEUR MODULAIRE ET D'UN SYSTÈME DE NETTOYAGE

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Application
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Abstract (en)
[origin: WO2016108709A1] The present invention relates to a boiler pertaining to the type of those used to feed heating water or other fluid lines, comprising a burner (1) that in turn comprises an inflation chamber, a post-chamber, and a cleaning system; a combustion chamber (2), that comprises a set of hollow cylinders whose free ends are connected by identical covers, and assembled in reverse; an heat exchanger (3) comprising a modular set, each module being composed of a fined and hollow central body, and caps coupled at opposed faces of said heat exchanger (3); a mechanical cleaning system comprising a set of cleaning modules, that slides over the heat exchanger (3). The invention solves problems of material accumulation onto the walls of the heat exchanger (3) and resulting from fuel burning, while maintaining thermal efficiency as well as the reduction of maintenance operations.

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Cited by
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