

Title (en)
STEAM GENERATOR FOR OVENS

Title (de)
DAMPFERZEUGER FÜR ÖFEN

Title (fr)
GÉNÉRATEUR DE VAPEUR POUR FOUR

Publication
EP 2205098 A1 20100714 (EN)

Application
EP 08833847 A 20080921

Priority

- SE 2008000520 W 20080921
- SE 0702136 A 20070924
- SE 0801615 A 20080705

Abstract (en)
[origin: WO2009041872A1] Steam generator, in particular for ovens, for the generation of steam with essentially atmospheric pressure, comprising a pump (2), a cylindric water reservoir housing (16) and a heater (4), connected in series in a loop. The heater has a smaller water space than the reservoir and has a heating power sufficient to heat the water circulated by the pump to steam generating temperatures, but less than what would be required for turning all the water passing through into steam. The flow cross section for the water inside the heater is small enough to provide a high speed of the water in the heater in order to prevent or essentially eliminate particles from settling in the heater.

IPC 8 full level
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CPC (source: EP)
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