

Title (en)
STEAM GENERATOR FOR BATHS

Publication
EP 0310547 A3 19900124 (DE)

Application
EP 88810617 A 19880912

Priority
CH 383187 A 19871001

Abstract (en)
[origin: JPH01118002A] PURPOSE: To reduce the size and a cost of a steam generator for steam bath by a method wherein air at the periphery of a housing is supplied to the columnar housing having a water bath to introduce air by electric heating during operation by a blower, and circulated through the housing and a water pass. CONSTITUTION: A steam generator 1 is provided with a columnar housing 2 formed in a triangular shape in cross section. A coil resistance heating element 3IV is arranged in a water pass 3 to operate the steam generator. The size of the water pass 3 is set to a comparatively low value so that liquid is rapidly heated to temperature approximately equal to a boiling point. Air is introduced by a blower 4 is guided to a pipe 3" through an annular passage. By effecting bubbling through injection of air in the water bath, a contact area is increased and an amount of a liquid component in air is increased. Further, by circulating air, temperature distribution in a steam bath room is also further improved than a simple convection. Further, water brought into steam through circulation is returned to the water bath 3. A steam generator is formed in a small size and formed in a module unit having size suitable for a steam bath room.

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A61H 33/06

IPC 8 full level
F22B 1/28 (2006.01); **A61H 33/06** (2006.01)

CPC (source: EP US)
A61H 33/063 (2013.01 - EP US)

Citation (search report)

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DOCDB simple family (publication)
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