

Title (en)
STEAM GENERATOR

Title (de)
DAMPFERZEUGER

Title (fr)
GENERATEUR DE VAPEUR

Publication
EP 1915120 A4 20140409 (EN)

Application
EP 06778536 A 20060810

Priority
• FI 2006050353 W 20060810
• FI 20055431 A 20050810

Abstract (en)
[origin: WO2007017558A1] A steam generator e.g. for saunas comprises a water tank (2), a heating element (5) for evaporating the present in the water tank, as well as a temperature sensor that is located outside the tank and in a heat transfer connection with the wall of the tank to monitor the water level inside the tank. The heating element (5) is connected to a thermostat (3) containing a temperature sensor in a heat-conducting manner through a heat conductor (1) separated from the outer wall of the tank (2). By means of the invention it is possible to prevent the drying of the tank by utilizing a sensor to monitor the temperature of the wall of the tank, which is dependent on the location of the water level.

IPC 8 full level
A61H 33/06 (2006.01); **F22B 1/28** (2006.01); **F22B 37/78** (2006.01)

IPC 8 main group level
A61H (2006.01)

CPC (source: EP FI)
A61H 33/06 (2013.01 - FI); **A61H 33/063** (2013.01 - EP); **F22B 1/284** (2013.01 - EP)

Citation (search report)
• [AD] US 5881207 A 19990309 - DEBOURG JEAN-PIERRE [FR], et al
• [A] US 5054105 A 19911001 - KIYIMAA ANTTI [FI], et al
• See references of WO 2007017558A1

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

DOCDB simple family (publication)
WO 2007017558 A1 20070215; CN 101304718 A 20081112; CN 101304718 B 20120111; EP 1915120 A1 20080430; EP 1915120 A4 20140409; FI 117665 B 20070115; FI 20055431 A0 20050810

DOCDB simple family (application)
FI 2006050353 W 20060810; CN 200680037323 A 20060810; EP 06778536 A 20060810; FI 20055431 A 20050810