

Title (en)

ASSEMBLY OF A HOUSING AND A STEAM GENERATOR DEVICE

Title (de)

ANORDNUNG FÜR EIN GEHÄUSE UND EINE DAMPFERZEUGUNGSVORRICHTUNG

Title (fr)

ASSEMBLAGE D'UN LOGEMENT ET D'UN GENERATEUR DE VAPEUR

Publication

EP 1913305 A2 20080423 (EN)

Application

EP 06780114 A 20060718

Priority

- IB 2006052448 W 20060718
- EP 05106958 A 20050728
- EP 06780114 A 20060718

Abstract (en)

[origin: WO2007013000A2] In an assembly of a steam generator device (10) and a plastic housing (20), the steam generator device (10) is arranged inside the housing (20), and comprises the following elements: a steam generator shell (11) for containing water and steam; a heating element (14) for heating the steam generator shell (11) and its contents; and a heater plate (12) arranged between the heating element (14) and the steam generator shell (11) for improving heat transfer between the heating element (14) and the steam generator shell (11). In order to prevent the whole of the heater plate (12) and the heating element (14) from falling on a bottom (21) of the housing (20) in case of failure of the connection between the heater plate (12) and the steam generator shell (11), mounting supports (30) for supporting the heater plate (12) are provided, which are arranged on the bottom (21) of the housing (20), and which comprise a material that is resistant to high temperatures.

IPC 8 full level

F22B 1/28 (2006.01)

CPC (source: EP US)

F22B 1/28 (2013.01 - EP US); **F22B 1/288** (2013.01 - EP US)

Citation (search report)

See references of WO 2007013000A2

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007013000 A2 20070201; **WO 2007013000 A3 20071011**; BR PI0613948 A2 20161122; CN 101233364 A 20080730; EP 1913305 A2 20080423; JP 2009503422 A 20090129; RU 2008107568 A 20090910; US 2008282995 A1 20081120

DOCDB simple family (application)

IB 2006052448 W 20060718; BR PI0613948 A 20060718; CN 200680027282 A 20060718; EP 06780114 A 20060718; JP 2008523500 A 20060718; RU 2008107568 A 20060718; US 99708605 A 20050728