

Title (en)
STEAM GENERATOR WATER CHAMBERS

Publication
EP 0027094 B1 19820407 (FR)

Application
EP 80401440 A 19801008

Priority
FR 7924986 A 19791008

Abstract (en)
[origin: US4422499A] A heat exchanger water box for steam generators bounded by a hemispherical base and a tube sheet on which the ends of the U-shaped tubes of the exchanger are fixed, on either side of a partition plate separating the water box into two chambers, respectively for supply and evacuation. The partition plate (3) fits with clearance over its whole periphery into a circular groove and a diametrical groove (11) respectively provided in the inner walls of the hemispherical base (2) and the tube sheet (1), and the hemispherical base (2) has at least one drain orifice (26) passing through it which opens at the lowest point of the circular groove for fitting the plate.

IPC 1-7
F22B 37/22; **F28F 9/02**

IPC 8 full level
F22B 37/22 (2006.01); **F28F 9/02** (2006.01)

CPC (source: EP US)
F22B 37/22 (2013.01 - EP US); **F28F 9/0202** (2013.01 - EP US)

Cited by
CN104806997A; FR2603373A1; EP0779491A1; US5894886A

Designated contracting state (EPC)
BE DE IT

DOCDB simple family (publication)
EP 0027094 A1 19810415; **EP 0027094 B1 19820407**; DE 3060284 D1 19820519; FR 2467355 A1 19810417; FR 2467355 B1 19811016; US 4422499 A 19831227

DOCDB simple family (application)
EP 80401440 A 19801008; DE 3060284 T 19801008; FR 7924986 A 19791008; US 19039180 A 19800924