

Title (en)

STEAM GENERATOR WITH U-TUBE BUNDLE AND SUPERHEATER

Publication

EP 0086695 B1 19841128 (FR)

Application

EP 83400235 A 19830204

Priority

FR 8201784 A 19820204

Abstract (en)

[origin: US4498426A] The invention relates to a superheated steam generator comprising a bank of U-tubes. It comprises a water drum (1) and a secondary casing (14) which are welded one on each side of the tube plate (5) and a bank of tubes (6) fixed on the tube plate (5) and contained in a casing (12) disposed inside the secondary casing (14) and forming an annular space (15) lying between the casings (12 and 14). Above the tube bank casing (12) a free space (25) is provided inside the secondary casing (14). This free space (25) constitutes a reserve of feed water in communication with the annular space (18). The water capacity thus constituted can be fed by at least one supply means (26). The invention is particularly applicable to pressurized-water nuclear reactors.

IPC 1-7

F22B 1/02

IPC 8 full level

F22B 1/16 (2006.01); **F22B 1/02** (2006.01); **G21D 5/12** (2006.01)

CPC (source: EP US)

F22B 1/025 (2013.01 - EP US)

Designated contracting state (EPC)

BE CH DE GB IT LI

DOCDB simple family (publication)

EP 0086695 A1 19830824; **EP 0086695 B1 19841128**; CA 1208994 A 19860805; DE 3360013 D1 19850110; FR 2520847 A1 19830805; FR 2520847 B1 19840224; JP S58175703 A 19831015; US 4498426 A 19850212

DOCDB simple family (application)

EP 83400235 A 19830204; CA 420686 A 19830201; DE 3360013 T 19830204; FR 8201784 A 19820204; JP 1801083 A 19830204; US 46106583 A 19830126