

Title (en)

Steam generator having an improved water feeding device

Title (de)

Dampferzeuger mit verbesserter Wasserzufuhrvorrichtung

Title (fr)

Générateur de vapeur comportant un dispositif d'alimentation en eau perfectionné

Publication

EP 0955498 B1 20030312 (FR)

Application

EP 99400893 A 19990412

Priority

- FR 9805620 A 19980504
- FR 9805843 A 19980507

Abstract (en)

[origin: EP0955498A1] The steam generator has a cylindrical outer shell (2), a coaxial inner shell (4) containing a core of heat exchange tubes, and an annular gap (9), containing a toroid collector (12), for the circulation of feed water. The collector has an upper wall pierced by a series of holes (18) and a guide (14) in the form of an envelope surrounding the collector. This forms a water flow space with radial partitions (19a) between the collector and guide.

IPC 1-7

F22B 1/02; **F22B 37/22**

IPC 8 full level

G21D 1/00 (2006.01); **F22B 1/02** (2006.01); **F22B 37/22** (2006.01); **G21D 3/08** (2006.01)

CPC (source: EP US)

F22B 1/025 (2013.01 - EP US); **F22B 37/228** (2013.01 - EP US)

Cited by

CN106322338A; EP2508799A1; US9182113B2

Designated contracting state (EPC)

DE ES FI IT

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EP 0955498 A1 19991110; **EP 0955498 B1 20030312**; CA 2270781 A1 19991104; CA 2270781 C 20070814; CN 1127738 C 20031112; CN 1234586 A 19991110; DE 69905792 D1 20030417; DE 69905792 T2 20040212; ES 2194423 T3 20031116; FR 2778224 A1 19991105; FR 2778224 B1 20000728; JP 2000009888 A 20000114; JP 4671454 B2 20110420; US 6173680 B1 20010116

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EP 99400893 A 19990412; CA 2270781 A 19990503; CN 99105288 A 19990430; DE 69905792 T 19990412; ES 99400893 T 19990412; FR 9805843 A 19980507; JP 12503099 A 19990430; US 30040599 A 19990427