

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