

Title (en)
PREHEATING STEAM GENERATOR

Publication
EP 0035450 B1 19831005 (FR)

Application
EP 81400308 A 19810227

Priority
FR 8004533 A 19800229

Abstract (en)
[origin: ES8207341A1] A steam generator having cold branch and hot branch zones defined, inside the secondary envelope, by vertical partitions separating the cold limbs from the hot limbs, and outside the secondary envelope by a skirt surrounding a portion of the latter on the cold branch side, forming therewith a space closed on its sides and at its lower portion while leaving a passage to the cold branch zone from the inside of the envelope. The space is open at the top so that recycled water can return to the bundle of U-tubes through both zones, but secondary feed water circulates for the most part in the cold branch zone. Recycled water may be distributed between the cold and hot branch zones, and the pressure in these zones may be balanced at the level of a horizontal, perforated tubular plate.

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F22B 1/02

IPC 8 full level
F22B 1/16 (2006.01); **F22B 1/02** (2006.01); **F22B 37/00** (2006.01)

CPC (source: EP US)
F22B 1/025 (2013.01 - EP US)

Citation (examination)
• FR 2389830 A1 19781201 - BABCOCK & WILCOX CO [US]
• FR 2191705 A5 19740201 - SIEMENS AG [DE]
• FR 2191704 A5 19740201 - SIEMENS AG [DE]
• FR 2387417 A1 19781110 - COMMISSARIAT ENERGIE ATOMIQUE [FR]

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US4694897A; EP0389361A1; FR2566511A1; US4736713A; EP0183049A1; EP2508799A1; EP0441697A1; FR2657948A1; EP2814039A4; EP2246616A4; FR2945104A1; US9182113B2

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