

Title (en)

Distributing and partitioning device for feed and recirculation water in the secondary side of a steam generator

Title (de)

Vorrichtung zur Abgabe und Verteilung von Speise- und Rezirkulationswasser in der Sekundärseite eines Dampferzeugers

Title (fr)

Générateur de vapeur à dispositif de distribution et de répartition de l'eau alimentaire et de l'eau de recirculation dans la partie secondaire

Publication

EP 0568434 B1 19960717 (FR)

Application

EP 93401075 A 19930426

Priority

FR 9205219 A 19920428

Abstract (en)

[origin: EP0568434A1] In a steam generator used in a nuclear reactor, the feed of secondary water takes place by at least one nozzle (48) which opens directly into the bottom of an annular recirculation space (32) formed between the external casing (10) and an internal casing (26) surrounding inverted U-shaped tubes (24), on the side of the cold branches of these tubes. A perforated collar (56) placed in the annular space (32), above the nozzle (48), creates a loss of head or a flow limitation which prevents the rising of the feed water and controls the circumferential distribution of the recirculation water which descends from the separators (28). <IMAGE>

IPC 1-7

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

IPC 8 full level

F22B 1/02 (2006.01); **F22D 11/00** (2006.01)

CPC (source: EP KR US)

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Cited by

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