

Title (en)

Steam generator with a system for water deflexion and for removing sludge

Title (de)

Dampferzeuger mit einer Wasserablenkungsvorrichtung und einer Schlammmentleerungsbahn

Title (fr)

Générateur de vapeur équipé d'un dispositif de déflexion et de purge

Publication

**EP 0566477 B1 19960228 (FR)**

Application

**EP 93400959 A 19930413**

Priority

FR 9204642 A 19920415

Abstract (en)

[origin: EP0566477A1] In a steam generator which is fitted to a nuclear power station and includes inverted U-tubes connected onto a tube plate (12) and surrounded by an inner wrapper (26) which accommodates a lower flow distribution plate (41) in its bottom, the space (46) termed the "tube lane" between the tube plate (12), the flow distribution plate (41) and the hot and cold branches of the tubes, contains a deflection and blowdown (vent) box (44). This box (44) extends over the entire length of the tube lane and, in height, as far as the vicinity of the upper edge of the inner wrapper (26). It is provided on its lower face with vent orifices (50) and is both used for deflection and draining secondary fluid in the vicinity of the tube plate (12). <IMAGE>

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**F22B 1/02**

IPC 8 full level

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