

Title (en)

CYLINDRICAL SHELL AND TUBE HEAT EXCHANGER, WHEREIN THE SHELL IS RADIALLY HELD INSIDE AN EXTERNAL SHELL

Publication

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Application

EP 85400686 A 19850405

Priority

FR 8405719 A 19840411

Abstract (en)

[origin: ES8701965A1] A steam generator incorporating a tube bundle (2) arranged in a bundle casing (5), in which the wall of bundle casing (5) incorporates openings each corresponding to a supporting component (20), openings along the edge of which are fixed sleeves (15) projecting radially into the space between the casing (5) and the outer wall (3) of the heat exchanger. Each of the supporting components (20) incorporates two cylindrical parts situated in extension of one another, a large-diameter part (20a) welded by its side surface inside the sleeve (15) and a small-diameter part (20b) abutting against the casing (3). Wedges (23) are inserted between the part (20a) of the supporting component (20) and a spacer plate (8) of the heat exchanger. The invention applies, in particular, to steam generators of pressurized water nuclear reactors.

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IPC 8 full level

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