

Title (en)

THERMAL STRESS REDUCING DEVICE AT THE BOTTOM OF A VERTICAL HEAT EXCHANGER

Publication

EP 0039290 B1 19830330 (FR)

Application

EP 81400654 A 19810427

Priority

FR 8009634 A 19800429

Abstract (en)

[origin: ES8202977A1] A vertical heat exchanger adapted to be located between a primary liquid alkali metal circuit and a secondary liquid alkali metal circuit in a fast neutron nuclear reactor is disclosed. The exchanger includes an outer sleeve surrounding an annular tubular bundle on an axial conduit for introduction of the secondary liquid alkali metal in the tubes through a chamber provided in the bottom of the exchanger. The bottom of the exchanger is surrounded by an envelope defining a space in which the primary liquid alkali metal circulates between an annular opening provided at the periphery of the tubular plate carrying the tubular bundle and at least one output opening in the bottom of the envelope.

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IPC 8 full level

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