

Title (en)

DEVICE FOR FIXING A BUNDLE OF TUBES, ESPECIALLY FOR STEAM GENERATORS

Publication

**EP 0078208 B1 19840829 (FR)**

Application

**EP 82401940 A 19821022**

Priority

FR 8119981 A 19811023

Abstract (en)

[origin: US4756278A] Device for attachment of a bundle of tubes (3) coiled into a helix according to several cylindrical coaxial layers, comprising longitudinal rods (4) provided with concave cylindrical recesses (16) for receiving each tube portion (3) corresponding to the same cylindrical layer, the rods (4) being so disposed between each layer as to form several flat radial sheets, elements (8) for attachment of the tubes on the rods being interposed between two consecutive rods of a given radial sheet, each attachment element (8) comprising essentially a piece (8) adapted to cover two turns slotted consecutively in the corresponding rod, the device maintaining the tube by pinching in isostatic fashion, the contact between the device (4, 8) and the corresponding tube (3) being localized in three quasi-pinpoint zones (14, 15) of the tube spaced from one another. The device is useful for the support of a bundle of tubes of steam generators of the sodium-water type.

IPC 1-7

**F28F 9/00**

IPC 8 full level

**F22B 37/20** (2006.01); **F28F 9/013** (2006.01)

CPC (source: EP US)

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Cited by

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