

Title (en)

HIGH-PRESSURE FEED WATER HEATER DISPOSED UPRIGHT IN A HEADER CONSTRUCTION WITH A DESUPERHEATER CASING

Publication

**EP 0098631 B1 19850522 (DE)**

Application

**EP 83200847 A 19830609**

Priority

CH 399182 A 19820630

Abstract (en)

[origin: US4537157A] Support points (15) are provided in the duct-shaped portions (17-22) of the desuperheater casing, at which points the serpentine tubes (25) of the preheater tube-bundle are fixed in a direction, at right-angles to the longitudinal direction of the tubes, by means of support strips (24) which bear against the tubes in a manner permitting movement in the longitudinal direction. The support strips (24) are composed of sheet steel, and possess spacer tabs (26) which extends at right-angles to the plane of the sheet steel. The ability of the support strips to shift relative to the serpentine tubes (25) is limited by supporting crosspieces (22) on two opposite web sheets (21) belonging to the support point (15).

IPC 1-7

**F22D 1/32**; **F28F 9/00**

IPC 8 full level

**F22D 1/32** (2006.01); **F28F 9/00** (2006.01); **F28F 9/013** (2006.01)

CPC (source: EP US)

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Designated contracting state (EPC)

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**EP 83200847 A 19830609**; AT 83200847 T 19830609; AU 1616683 A 19830623; DE 3360205 T 19830609; JP 11530583 A 19830628; US 50871383 A 19830628; ZA 834671 A 19830627