

Title (en)

DEVICE FOR HOLDING TOGETHER ADJACENT VERTICAL TUBE SECTIONS OF A LOOP-TYPE HEAT EXCHANGER

Publication

EP 0144040 B1 19870610 (FR)

Application

EP 84114067 A 19841122

Priority

FR 8318815 A 19831125

Abstract (en)

[origin: US4550777A] A system for interlocking closely adjacent vertical lengths (10, 11, FIG. 2) of tube in a heat exchanger in which the tubes form loops between an inlet and an outlet and in which the tubes are suspended from a rigid structure by said inlet and outlet. Starting from the middle lengths, each length is provided with a hollow member (12) projecting on its side towards the outside of the bundle, welded to the tube along two generator lines (14, 24), and resting against the outer face of the adjacent length, and including a downwardly projecting lip (18), while the adjacent length is provided with an opposite like member (13) likewise welded thereto along two generator lines (15, 25), pressing against the outer face of the first length below the first member, and fitted with an upwardly projecting lip (19) engaging with the lip of the first member.

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CPC (source: EP KR US)

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EP 0144040 A2 19850612; **EP 0144040 A3 19850814**; **EP 0144040 B1 19870610**; AT E27736 T1 19870615; DE 3464156 D1 19870716; FR 2555723 A1 19850531; FR 2555723 B1 19880205; IN 161829 B 19880206; JP H0139040 B2 19890817; JP S60133294 A 19850716; KR 850003982 A 19850629; KR 890003110 B1 19890822; US 4550777 A 19851105; ZA 849172 B 19850731

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