

Title (en)

Device for suspending a bundle of horizontal tubes in a vertical plane, and manufacturing process therefor.

Title (de)

Aufhängungsvorrichtung für eine vertikale Rohrbündelwand aus waagerechten Rohren und Herstellungsverfahren.

Title (fr)

Dispositif de suspension d'un faisceau de tubes horizontaux dans un plan vertical, et procédé de fabrication de ce dispositif.

Publication

**EP 0143432 A2 19850605 (FR)**

Application

**EP 84114069 A 19841122**

Priority

FR 8318814 A 19831125

Abstract (en)

[origin: US4706614A] A device for suspending a bundle of horizontal tubes in a vertical plane (1), the device comprising pairs (4, 5, 6) of vertical tubes (7, 8) provided with half-fins on their facing sides. The half-fins have a profile including notches of circular shape, having a radius slightly larger than the radius of the tubes in the bundle and being at the same spacing as said tubes, the notches being separated by tongues (16, 18, 20, 17, 19, 21) which project from the vertical tubes by a distance which is long enough to provide good support for the tubes of the bundle and which is short enough to ensure good thermal conduction from their projecting ends to their weld zones on the corresponding vertical tubes.

Abstract (fr)

Dispositif de suspension d'un faisceau de tubes horizontaux dans un plan vertical (1), comprenant des paires (4, 5, 6) de tubes verticaux (7, 8) munis de demi-ailettes sur leurs côtés se faisant face. Les demi-ailettes ont un profil comprenant des échancrures de forme circulaire, de rayon un peu supérieur à celui des tubes du faisceau, et d'écartement égal à celui de ces tubes, séparées par des languettes (16, 18, 20, 17, 19, 21) de largeur suffisamment grande pour assurer un bon support des tubes du faisceau, mais suffisamment faible pour assurer une bonne conduction thermique de leur bord à leur zone de soudure au tube vertical correspondant.

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