

Title (en)

CONNECTION DEVICE BETWEEN A TUBE END PLATE AND A HEADER BOX OF A HEAT EXCHANGER, AND METHOD THEREFOR

Publication

EP 0133401 B1 19870930 (FR)

Application

EP 84401573 A 19840726

Priority

FR 8312857 A 19830804

Abstract (en)

[origin: ES8603065A1] The tubes (2) of the heat exchanger are mounted in a header plate (1) which is attached to a header tank (5). The edge of the header plate is pressed to a U-section which receives a sealing strip (4). The U-section is pressed over the edge (5a) of the header tank wall and is secured by hooks (7). - The hooks are made from a U-section with notches (12) cut in the upper flange to form a series of tabs (9). The U-section is pressed sideways of the edge (1a) of the header plate, and lugs (11) projecting from its lower flange are bent upwards by a tool (20) to make a permanent joint.

[origin: ES8603065A1] The tubes (2) of the heat exchanger are mounted in a header plate (1) which is attached to a header tank (5). The edge of the header plate is pressed to a U-section which receives a sealing strip (4). The U-section is pressed over the edge (5a) of the header tank wall and is secured by hooks (7). - The hooks are made from a U-section with notches (12) cut in the upper flange to form a series of tabs (9). The U-section is pressed sideways of the edge (1a) of the header plate, and lugs (11) projecting from its lower flange are bent upwards by a tool (20) to make a permanent joint.

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Cited by

CN108534580A; GB2344643A; GB2344643B; GB2328990A; GB2328990B; US6223812B1

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