

Title (en)

Joint structure of header tank and connector in heat exchanger, and method of joining thereof

Title (de)

Verbindungsstruktur zwischen einem Sammelkasten und einem Anschluss eines Wärmetauschers und Verfahren zu dessen Verbindung

Title (fr)

Structure de liaison entre un collecteur et un connecteur d'un échangeur de chaleur et procédé pour leur raccordement.

Publication

**EP 1650523 A1 20060426 (EN)**

Application

**EP 05022521 A 20051014**

Priority

JP 2004303250 A 20041018

Abstract (en)

A joint structure of a header tank and a connector in a heat exchanger includes a header tank (1) including a plate wall (1c) formed with a first communication hole (1a). The joint structure includes a block-shaped connector (2) having a second communication hole (2b) positioned to the first communication hole (1a) and joined to the header tank (1). The first communication hole (1a) is smaller than the second communication hole (2b). The first communication hole (1a) has therearound a periphery (1b) caulked and fixed on an inner peripheral surface of the second communication hole (2a) by burring formation.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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- [X] FR 1482046 A 19670526 - RUBANOX SOC
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- [A] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 09 30 September 1997 (1997-09-30)

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