

Title (en)  
HEAT EXCHANGER

Title (de)  
WÄRMETAUSCHER

Title (fr)  
ECHANGEUR THERMIQUE

Publication  
**EP 1359384 B1 20100310 (EN)**

Application  
**EP 02729577 A 20020115**

Priority  
• JP 0200196 W 20020115  
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Abstract (en)  
[origin: WO02055947A1] A heat exchanger, comprising a tank (3) having tubes (21) for passing medium therethrough, an end plate (32) having tube insert holes (5) for connecting the tubes thereto, and a tank plate (31) connected to the end plate, wherein the tubes, end plate, and the tank are assembled and connected to each other by brazing in a heating furnace, the tank plate (31) is formed of plates having brazing materials (R1, R2) thereon, partition parts (311, 321) for prevention of outflow of brazing material having no brazing material thereon are provided on at least either of the tank plate (31) and end plate (32), the tank (3) comprises a partition plate (7) for partitioning the inside thereof, a brazing material is cladded on the inner surface of at least either of the tank plate (31) and the end plate (32), the partition plate (7) is formed of a bare material not cladded with the brazing material, and the end plate (32) is cladded with the brazing material on one face only and, at the time of brazing, the end parts of fins (4) are opposed to the face of the end plate (32) not cladded with the brazing material.

IPC 8 full level  
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