

Title (en)

ASSEMBLY BY WELDING OF TUBE PLATES IN HEAT EXCHANGERS COMPRISING SOLID TITANIUM TUBE PLATES

Publication

EP 0267349 B1 19900404 (FR)

Application

EP 86870167 A 19861113

Priority

EP 86870167 A 19861113

Abstract (en)

[origin: EP0267349A1] 1. Mounting of tube plates at the end of a carbon steel shell of a tubular heat exchanger, each tube plate having, on the side fastened to the shell, a carbon steel part and, on the side exposed to corrosion, a titanium part to which the titanium tubes are rolled in and welded, characterized in that the actual tube plate (2) is produced from solid titanium and is fastened to the carbon steel shell (1) via a steel piece (15) welded by explosion or an equivalent method to the tube plate (2) which is itself welded to the shell (1).

IPC 1-7

F28B 1/02; **F28F 9/02**; **F28F 21/08**

IPC 8 full level

F28F 9/02 (2006.01); **F28F 21/08** (2006.01)

CPC (source: EP)

F28F 9/0219 (2013.01); **F28F 21/082** (2013.01); **F28F 21/086** (2013.01); **F28F 2275/20** (2013.01)

Cited by

EP1154218A1; CN109945694A; US7951466B2; EP0552122A1; FR2686408A1; EP0489192A1; US5181559A; AU651632B2; US6886629B2

Designated contracting state (EPC)

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