

Title (en)
Method of making a heat exchanger.

Title (de)
Herstellungsverfahren eines Wärmetauschers.

Title (fr)
Procédé de fabrication d'un échangeur de chaleur.

Publication
EP 0319520 A1 19890607 (EN)

Application
EP 89101072 A 19860605

Priority
SE 8503013 A 19850618

Abstract (en)
A heat exchanger is operated by a first medium and a second medium and comprises a tank (8) having an inlet chamber (9) and an outlet chamber (10) and containing said first medium, as well as a heat transfer pile (2) with tubes (3) for circulating said first medium, said tubes (3) having a U channel with an inlet (5) for connection to said inlet chamber (9) and an outlet (6) for connection to said outlet chamber (10), said heat transfer pile having fin units (4) arranged alternately with said tubes (3) and adapted to guide said second medium past said tubes. Each tube is formed by bending a strip and joining together its longitudinal edges; the bent strip is flattened and cut into tube blanks; the cut tube blanks are closed at the one end portion; and a partition is provided in the longitudinal direction of each tube blank to form said tube, the inner end of said partition being provided at a distance from the closed end portion of the tube blank to form the said U channel.

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B23P 15/26; F28D 1/04

IPC 8 full level
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F28D 1/0391 (2013.01); **F28D 1/04** (2013.01); **F28D 1/05391** (2013.01); **F28F 1/022** (2013.01); **F28F 2220/00** (2013.01)

Citation (search report)

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SE 8600262 W 19860605; AT 89101072 T 19860605; DE 3685335 T 19860605; EP 86903682 A 19860605; EP 89101072 A 19860605; ES 297013 U 19871112; ES 556215 A 19860618; SE 8503013 A 19850618