

(12) PATENT APPLICATION PUBLICATION

(19) INDIA

(22) Date of filing of Application: 03/12/2003

(21) Application No. : 1106/MUMNP/2003

A

(43) Publication Date: 21/10/2005

(54) Title of the invention: METHOD OF MANUFACTURING HEAT TRANSFER TUBES.

(51) International classification : B21D 53/08,  
F28F 1/10  
(31) Priority Document No : 09/894,983  
(32) Priority Date : 28/06/2001  
(33) Name of priority country : U.S.A.  
(86) International Application No and : PCT/FI02/00524  
Filing Date : 14/06/2002  
(87) International Publication No : WO 03/002282  
(61) Patent of addition to Application No NIL  
Filed on : N.A.  
(62) Divisional to Application No : NIL  
Filed on : N.A.

(71) Name of Applicant:  
  
OUTOKUMPU OYJ  
  
Address of the Applicant:  
  
RIIHITONTUNTIE 7, FIN-02200 ESPOO,  
FINLAND.

(72) Name of the Inventor:  
  
1. SHABTAY YORAM LEON

Filed U/S 5(2) before The Patents (Amendment)  
Act, 2005: NO

(57) **Abstract:** The invention relates to a method of manufacturing heat transfer tubes for a heat exchanger such as an automobile radiator. The tubes are preferably formed of copper or a copper alloy. A sheet of the material is folded into a shape that resembles a B and is brazed together with a brazing material that is free from flux. The brazing material is in the form of a foil or paste. The paste typically includes a powder filler, a binder, and a carrier, which may be a liquid or a wax.

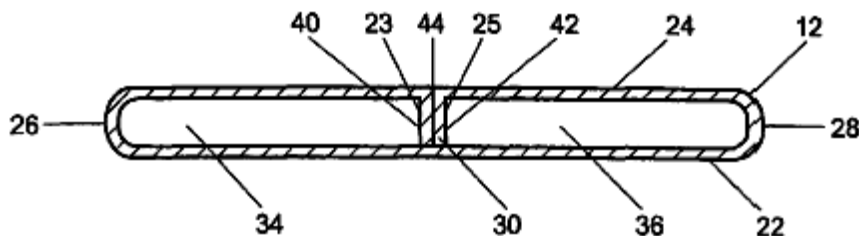


Figure: 2.

Drawing: 01 Sheet.  
Total Pages: 13.