

Title (en)

Method of and apparatus for manufacturing heat exchangers and components for heat exchangers.

Title (de)

Verfahren und Vorrichtung zur Herstellung von Wärmetauschern und Einzelteilen von Wärmetauschern.

Title (fr)

Procédé et dispositif pour la fabrication d'échangeurs thermiques et d'éléments d'échangeurs thermiques.

Publication

**EP 0153138 A2 19850828 (EN)**

Application

**EP 85300934 A 19850213**

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- IE 36084 A 19840216

Abstract (en)

A method of manufacturing heat exchangers comprises holding two lengths of header piping in mutually parallel relationship and advancing the header piping step-by-step through a series of work stations to enable operations to be performed at the work stations, locating heat exchange elements relative to the header piping so that an aperture at each end of each heat exchange element is aligned with an aperture in each length of header piping, welding the apertured heat exchange elements to the header piping and subsequently cutting the assembly of header piping and heat exchange elements to form radiators of predetermined size. The invention also provides apparatus for carrying out the method and radiators made by the method. The invention further provides a method of closing the open ends of a flat metal tube using a pair of grooved rollers, each of which is alternately pressed down on and moved across the open end of the tube, causing the material of the tube to be pressed inwardly, thereby closing the open end of the tube.

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