

Title (en)
METHOD AND MACHINE FOR MANUFACTURING A HEAT EXCHANGER BLOCK, FINS FOR MANUFACTURING A HEAT EXCHANGER BLOCK, AND HEAT EXCHANGER BLOCK

Title (de)
VERFAHREN UND MASCHINE ZUR HERSTELLUNG EINES WÄRMETAUSCHERBLOCKS, RIPPEN ZUR HERSTELLUNG EINES WÄRMETAUSCHERBLOCKS UND WÄRMETAUSCHERBLOCK

Title (fr)
PROCÉDÉ ET MACHINE POUR FABRIQUER UN BLOC D'ÉCHANGEUR DE CHALEUR, AILETTES POUR FABRIQUER UN BLOC ÉCHANGEUR DE CHALEUR, ET BLOC ÉCHANGEUR DE CHALEUR

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Abstract (en)
[origin: WO2012107757A1] This invention relates to a method and machine for manufacturing a heat exchanger block, to fins for manufacturing a heat exchanger block, and to a heat exchanger block. There is provided a method of manufacturing a heat exchanger block(12) comprising a number of tubes (16) and a number of fins (14; 214a, 214b; 314a,314b), neighbouring fins being separated by a predetermined spacing by way of spacer means (52; 52a, 52b), the method including the steps of: locating a predetermined number of tubes in a chosen array; locating a number of fins adjacent an end of the tubes; fitting the fins onto the tubes; and vibrating the tubes and/or the fins during the step of fitting the fins onto the tubes. There is also provided a fin (14; 214a, 214b; 314a, 314b) for a heat exchanger block (12), the fin having integral spacer means(52; 52a, 52b) whereby the spacer means of one fin can engage the neighbouring fin and determine the spacing therebetween, the fin having a number of apertures (40) to receive a number of tubes (16), the spacer means being located at a distance from the apertures.

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• JP S5619943 A 19810225 - HITACHI LTD
• WO 2004087348 A1 20041014 - APPLIED SYSTEMS MAN LTD [GB]

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