

Title (en)

FLATTENED FLUID CONDUITS FOR USE IN HEAT EXCHANGERS AND OTHER SYSTEMS, AND ASSOCIATED METHODS OF MANUFACTURE AND USE

Title (de)

ABGEFLACHTE FLÜSSIGKEITSLEITUNGEN ZUR VERWENDUNG IN WÄRMETAUSCHERN UND ANDEREN SYSTEMEN SOWIE VERFAHREN ZU IHRER HERSTELLUNG UND VERWENDUNG

Title (fr)

CONDUITES DE FLUIDE APLATIES À UTILISER DANS ÉCHANGEURS DE CHALEUR ET AUTRES SYSTÈMES, ET PROCÉDÉS DE FABRICATION ET D'UTILISATION ASSOCIÉS

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Abstract (en)

[origin: US2012055660A1] Flattened fluid conduits for use in heat exchangers and other systems, and associated methods of manufacture and use are disclosed herein. In one embodiment, the fluid conduit for use in heat exchangers can be manufactured by inserting two or more inner tubes into a circular or at least partially circular barrier tube and at least partially flattening at least some length of the assembly. The heat exchanger conduit can include one or more void spaces within the barrier tube and adjacent to the inner tubes which serve to contain any leaks in the inner tubes and vent any leaks to the atmosphere.

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