

Title (en)

PANEL HEAT EXCHANGER FORMED FROM PRE-FORMED PANELS

Title (de)

TAFELWÄRMETAUSCHER, DER AUS VORGEFERTIGTEN TAFELN GEBILDET IST

Title (fr)

ECHANGEUR DE CHALEUR A PLAQUES CONSTITUE DE PLAQUES PREFORMEES

Publication

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Application

EP 94919451 A 19931216

Priority

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Abstract (en)

[origin: WO9415163A1] A panel (11) for a panel heat exchanger is disclosed, as well as panel heat exchangers formed from preformed panels. The panels (11) have a single layer of a plurality of tubes (14) in a spaced apart side-by-side relationship that are bonded to and provide fluid flow communication with manifolds (12, 13). The panels (11) are adapted to be bonded together in a laminar manner to form panel heat exchangers. Thus, panel heat exchangers are formed from preformed panels, optionally using "off the shelf" panels. A variety of fluid flow configurations may be used. The material of construction is preferably thermoplastic polymer. End uses depend on the polymer of construction, but may include refrigeration and automotive end uses.

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