

Title (en)  
Finned pack heat exchanger provided with side stiffening and reinforcing section members for refrigerating, conditioning and heating apparatus

Title (de)  
Rippenwärmetauscher mit seitlichen Verstärkungselementen für Kühlungs-,Klima- und Heizungsanlage

Title (fr)  
Echangeur de chaleur à ailettes avec éléments de renforcement latéraux pour appareil de réfrigération, conditionnement d'air et chauffage

Publication  
**EP 1046875 A2 20001025 (EN)**

Application  
**EP 00102431 A 20000204**

Priority  
IT MI990837 A 19990421

Abstract (en)  
The heat exchanger provides a strong bearing and assembling system for heat exchangers with reinforcing side section members allowing the finned pack to thermally expand. It is coupled to the fins by an adhesive material or similar anchoring system. It uses reinforcing sections suitably supported by other supporting (8) and guiding (7) sections affixed to the side panels. The reinforcing section members have a C-shaped cross section, and are provided with gaps to allow thermal expansion of the tubes, and consequently to allow expansion of the finned pack. A finned pack heat exchanger (1) comprises a plurality of longitudinal parallel pipes (3) and cross fins (4), provided with holes therein are engaged the pack forming pipes, the pipe pack being stiffened by side reinforcing section members (9) having a C-shape bearing on side supporting and guiding section members (8), applied to the apparatus the heat exchanger is associated with. <IMAGE>

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IPC 8 full level  
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Cited by  
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