

Title (en)
Heat exchanger.

Title (de)
Wärmetauscher.

Title (fr)
Echangeur de chaleur.

Publication
EP 0583851 A2 19940223 (EN)

Application
EP 93202885 A 19860917

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Abstract (en)
A heat exchanger for use in a refrigeration or air conditioning system for cooling the refrigerant comprises a pair of spaced headers (10,12), and at least one heat exchange tube (20) extending between the headers defining a plurality of hydraulically parallel refrigerant flow paths, each of said flow paths having a hydraulic diameter of up to about 0.07 inches, the hydraulic diameter being defined as the cross-sectional area of the flow path multiplied by four and divided by the wetted perimeter of the flow path. <IMAGE>

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F28D 1/053; **F28F 1/02**; **F25B 39/04**

IPC 8 full level
F25B 39/04 (2006.01); **F28D 1/047** (2006.01); **F28D 1/053** (2006.01); **F28F 1/02** (2006.01); **F28F 3/02** (2006.01); **F28F 9/02** (2006.01)

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Citation (third parties)
Third party :
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Cited by
US6302193B1; DE10137907A1; DE10054158A1; US8439104B2; US6546997B2; US8713963B2; EP1203922A2; US8234881B2; US8938988B2;
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DE 3650658 T2 19980514; EP 0583851 A2 19940223; EP 0583851 A3 19940309; EP 0583851 B1 19971119; ES 2002789 A6 19881001;
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