

Title (en)

Refrigerant tubes for heat exchangers

Title (de)

Kühlrohre für Wärmetauscher

Title (fr)

Tubes de refroidissement pour échangeurs de chaleur

Publication

EP 0762070 A1 19970312 (EN)

Application

EP 96110844 A 19960704

Priority

JP 17200795 A 19950707

Abstract (en)

A refrigerant tube (T1) for use in heat exchangers comprises a flat tube (7) having parallel refrigerant passages (6) in its interior and comprising upper (1) and lower (2) walls and a plurality of reinforcing walls (5) connected between the upper and lower walls, the reinforcing walls extending longitudinally of the tube and spaced apart from one another by a predetermined distance. The reinforcing walls are each formed with a plurality of communication holes (8) for causing the parallel refrigerant passages to communicate with one another therethrough. Each of the reinforcing walls is 10 to 40% in opening ratio which is the proportion of all the communication holes in the reinforcing wall to the reinforcing wall. <IMAGE>

IPC 1-7

F28F 1/40; **F28F 3/12**; **F28D 1/03**

IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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EP 0762070 A1 19970312; **EP 0762070 B1 20010228**; AR 002691 A1 19980325; AT E199456 T1 20010315; AU 5834496 A 19970123; AU 711980 B2 19991028; BR 9602985 A 19980428; CA 2180598 A1 19970108; CA 2180598 C 20070605; CN 1111717 C 20030618; CN 1140828 A 19970122; CZ 293383 B6 20040414; CZ 9602008 A3 19970416; DE 69611868 D1 20010405; DE 69611868 T2 20010613; ES 2154366 T3 20010401; IN 188905 B 20021116; JP H0926278 A 19970128; KR 100414852 B1 20040331; KR 970007278 A 19970221; MX 9602646 A 19970628; MY 119070 A 20050331; TW 296425 B 19970121; ZA 965732 B 19970123

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