

Title (en)
HARD-SOLDERED FLAT TUBE EVAPORATOR WITH A DUAL FLOW AND ONE ROW IN THE AIR FLOW DIRECTION FOR A MOTOR VEHICLE AIR CONDITIONING SYSTEM

Title (de)
ZWEIFLUTIGER UND IN LUFTRICHTUNG EINREIHIGER HARTVERLÖTETER FLACHROHRVERDAMPFER FÜR EINE KRAFTFAHRZEUGKLIMAAANLAGE

Title (fr)
EVAPORATEUR BRASE DUR A TUBES APLATIS A DEUX FLUX ET A UNE RANGEE DANS LA DIRECTION D'ECOULEMENT D'AIR POUR SYSTEME DE CLIMATISATION DE VEHICULES A MOTEUR

Publication
EP 0910779 A1 19990428 (DE)

Application
EP 98924277 A 19980505

Priority
• DE 19719252 A 19970507
• EP 9802634 W 19980505

Abstract (en)
[origin: DE19719252A1] A hard-soldered flat tube evaporator is disclosed made of aluminium or an aluminium alloy, with a dual flow and one row in the air flow direction for a motor vehicle air conditioning system. A coolant distributor is provided at the inflow side on the inlet of individual flat tubes (2) or, in particular, on the inlet of groups of flat tubes (2). The flat tubes are extruded tubes having several chambers and zigzag blades (12) intercalated between them in a sandwich-like manner. According to the invention, the depth (B) of the evaporator amounts to maximum 50 mm.

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F28D 1/053; **B60H 1/32**

IPC 8 full level
B60H 1/32 (2006.01); **F28D 1/053** (2006.01); **F28F 27/02** (2006.01)

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FR

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DE 19719252 A1 19981112; **DE 19719252 C2 20021031**; BR 9804883 A 19990824; CN 1225716 A 19990811; EP 0910779 A1 19990428; US 6161616 A 20001219; WO 9850745 A1 19981112

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