

Title (en)
DOUBLE PIPE SYSTEM FOR AN AIR CONDITIONING SYSTEM OF A VEHICLE

Title (de)
DOPPELROHRSYSTEM FÜR EINE KLIMAAANLAGE EINES FAHRZEUGS

Title (fr)
SYSTÈME DE TUYAU DOUBLE POUR LE SYSTÈME DE CLIMATISATION D'UN VÉHICULE

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Application
EP 10723765 A 20100408

Priority
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Abstract (en)
[origin: WO2010116239A1] An air conditioning system for motor vehicles provided with a fluidic unit (1), wherein a first line (9) for a low temperature heat exchanger fluid and a second line (6) for the high temperature heat exchanger fluid are coupled to a heat exchanger (12) provided with at least one connector (14) for the connection to the two lines (6, 9); and wherein the heat exchanger (12) has an inner tubular wall (15) forming part of one of the two lines (6; 9), and a plurality of peripheral pipes (18') arranged outside the inner tubular wall (15) and forming part of the other of the two lines (9; 6); and the connector (14) has a through pipe (20) coaxial to the longitudinal axis (B) and crossed by the inner tubular wall (15); a radial channel (27); and an annular chamber (30) defined by the inner tubular wall (15) along a part of the through pipe (20), surrounding the inner tubular wall (15) and communicating both with the peripheral pipes (18') / and with the radial channel (27).

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Citation (search report)
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