

Title (en)
MOTOR VEHICLE AIR CONDITIONING CIRCUIT PROVIDED WITH A PRE-EXPANSION DEVICE

Title (de)
KLIMAKREISLAUF EINES FAHRZEUGES MIT EINER VOREXPANSIONSVORRICHTUNG

Title (fr)
CIRCUIT DE CLIMATISATION DE VEHICULE MUNI D'UN DISPOSITIF DE PREDETENTE

Publication
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Application
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Abstract (en)
[origin: FR2779994A1] The system comprises compressor (2), condenser (3), liquid/gas separating reservoir (5), an expansion device (6) and evaporator (7). The pre-expansion device (4) is inserted between condenser and reservoir to provide a pressure drop in the range 1.5 to 14 bars, reducing the fluid to its vapor saturated pressure. The device (4) may be positioned in the condenser outlet (13 in fig 5) and can take the form of an aperture (S2 in fig 6) with cross sectional area of 0.2 to 7 mm² over a length of 0.1 to 5mm.

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B60H 1/00

IPC 8 full level
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