

Title (en)
AIR CONDITIONING SYSTEM FOR A MOTOR VEHICLE

Title (de)
KLIMAANLAGE FÜR EIN KRAFTFAHRZEUG

Title (fr)
CLIMATISEUR POUR UN VEHICULE AUTOMOBILE

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Application
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Abstract (en)
[origin: WO2005068229A1] The invention relates to an air conditioning system for a motor vehicle comprising a coolant circuit (1) that contains an electrically driven compressor (2), a condenser (4), an expansion valve (10) and a latent cold accumulator (12). Heat is removed from the latent cold accumulator (12) by means of the cooling circuit (1); this is referred to as the charging of the latent cold accumulator (12). The system is also equipped with means for cooling air, which are configured in such a way that heat is removed from said air and supplied to the latent cold accumulator (12). Thus the cost-effective, efficient air conditioning system can be used, in particular, when the vehicle is stationary.

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Citation (search report)
See references of WO 2005068229A1

Citation (examination)
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• WO 02090848 A1 20021114 - ITALINNOVA SAS [IT], et al
• US 5735133 A 19980407 - VOSS MARK G [US], et al
• WO 9961269 A2 19991202 - BERGSTROM INC [US]
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• WO 2005102746 A1 20051103 - WEBASTO AG FAHRZEUGTECHNIK [DE], et al

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