

Title (en)
Refrigeration system

Title (de)
Kühlsystem

Title (fr)
Système frigorifique

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Abstract (en)
The invention relates to a cascade type refrigeration system. The refrigeration system comprises a first closed refrigeration circuit (17) and a second closed refrigeration circuit (18). The two refrigeration circuits (17,18) are linked by means of a cascade heat exchanger (5) comprising the first condenser and the second evaporator arranged so that the first condenser is cooled by means of the evaporation of the second liquid refrigerant in the second evaporator. The refrigeration system is characterised in that said first liquid refrigerant consist substantially of CO₂ and the first evaporator (3) is operating at pressures above 120 psig. The invention also relates to a method of refrigeration. <IMAGE>

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Citation (applicant)
US 5042262 A 19910827 - GYGER ROGER F [US], et al

Citation (search report)
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