

Title (en)

REFRIGERATION WORKING FLUID COMPOSITIONS FOR USE IN RECOMPRESSION TYPE COOLING SYSTEMS

Title (de)

KÜHLARBEITSFLÜSSIGKEITZUSAMMENSETZUNGEN ZUR VERWENDUNG IN KOMPRESSIONSKÜHLSYSTEMEN

Title (fr)

COMPOSITIONS DE FLUIDES THERMODYNAMIQUES DE REFRIGERATION POUR SYSTEMES DE REFRIGERATION DU TYPE A RECOMPRESSION

Publication

**EP 0804517 A1 19971105 (EN)**

Application

**EP 95940024 A 19951116**

Priority

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- US 34096194 A 19941117

Abstract (en)

[origin: WO9719144A1] A refrigeration working fluid composition which is miscible or partially miscible at temperatures of less than 120 DEG C and which is immiscible at temperatures of at least about 120-180 DEG C, the refrigeration working fluid comprising: (i) about 65 to 95 weight % of a refrigerant, based on the total weight of the working fluid composition, the refrigerant comprising a blend of pentafluoroethane, 1,1,1-trifluoroethane, and 1,1,1,2-tetrafluoroethane, wherein the tetrafluoroethane is present in an amount of between about 0.5 to 10 weight %, based on the total weight of the refrigerant, and (ii) about 5 to 35 weight % of a polyol ester lubricant, based on the total weight of the working fluid composition.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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