

Title (en)
COMPLEX ESTERS FOR USE WITH FLUORINATED REFRIGERANTS

Title (de)
KOMPLEXE ESTER ZUR VERWENDUNG IN KÜHLSCHMIERSTOFFEN

Title (fr)
ESTERS COMPLEXES CON US POUR ETRE UTILISES AVEC DES REFRIGERANTS FLUORES

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Application
EP 98913779 A 19980408

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Abstract (en)
[origin: WO9846705A1] The invention concerns refrigerant compositions which comprise a hydrofluorocarbon based refrigerant and, mixed with the refrigerant, a polyol ester based lubricant. According to the invention the polyol ester comprises a diol having a strongly sterically hindered hydrogen attached to the carbon in position 2, said diol being esterified with a mixture of mono- and dibasic carboxylic acids. In particular the diol is 2-ethyl-1,3-hexanediol or 1,4-dimethylol-cyclohexane. The complex esters used in refrigerant mixtures have good lubricant properties and good solubility in HFC compounds.

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