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54 **Refrigeration lubricants.**

57 A lubricant comprising as a main component an ester (s) obtained by reacting (a) at least one polyvalent alcohol selected from the group consisting of pentaerythritol, dipentaerythritol and tripentaerythritol with (b) at least one straight chain or branched-chain monovalent saturated fatty acid having a carbon number of 2-18.

This lubricant is used for compressors using a hydrofluorocarbon refrigerant containing no chlorine.

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EUROPEAN SEARCH REPORT

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	DATABASE WPIL, accession no. 81-87972D [48], Derwent Publications Ltd, London, GB; & JP-A-56 131 548 (NIPPON OILS & FATS K.K.) * Abstract *	9	C 10 M 105/38 C 10 M 105/40 C 10 M 105/42 // C 10 N 20:00 C 10 N 30:00 C 10 N 40:00
Y	IDEM ---	1-6,10	
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X	DATABASE WPIL, accession no. 88-032071 [05], Derwent Publications Ltd, London, GB; & JP-A-62 290 795 (NIPPON OILS & FATS K.K.) * Abstract *	9	
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The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 24-02-1992	Examiner FISCHER W.H.F.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	



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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)		
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P,X	US-A-4 851 144 (Ph.W. McGRAW et al.) * Abstract; column 1, line 1 - column 2, line 46; column 4, lines 10-43; tables I,II; claims 1,2,5,7-11,13-15 *	1,3,6,7 ,9	TECHNICAL FIELDS SEARCHED (Int. Cl.5)		
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<table border="0"><tr><td>CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</td><td>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document</td></tr></table>				CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document
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