

Title (en)  
Refrigeration lubricants.

Title (de)  
Kältemaschinenschmiermittel.

Title (fr)  
Lubrifiants pour la réfrigération.

Publication  
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Application  
**EP 91121101 A 19891017**

Priority  
• EP 89119265 A 19891017  
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• JP 17200189 A 19890705  
• JP 17200089 A 19890705

Abstract (en)  
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 trimethylol ethane, trimethylol propane and trimethylol butane 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.

IPC 1-7  
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IPC 8 full level  
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CPC (source: EP KR)  
**C10M 105/00** (2013.01 - EP); **C10M 105/32** (2013.01 - EP); **C10M 105/38** (2013.01 - EP KR); **C10M 105/40** (2013.01 - EP);  
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Cited by  
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DE 68927916 T3 20050310; DE 68928281 D1 19971002; DE 68928281 T2 19980115; EP 0479338 A2 19920408; EP 0479338 A3 19920527;  
EP 0479338 B1 19970827; EP 0480479 A2 19920415; EP 0480479 A3 19920617; EP 0480479 B1 19970326; EP 0480479 B2 20040901;  
EP 0536814 A1 19930414; EP 0536814 B1 19960124; ES 2051340 T3 19940616; ES 2051340 T5 20030316; ES 2082341 T3 19960316;  
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SG 1996007058 A 19891007; SG 1996007124 A 19891017