

Title (en)
Refrigeration lubricants.

Title (de)
Kältemaschinenschmiermittel.

Title (fr)
Lubrifiants pour la refrigeration.

Publication
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Application
EP 91121100 A 19891017

Priority
• EP 89119265 A 19891017
• JP 17200089 A 19890705
• JP 17200189 A 19890705
• JP 17200289 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 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.

IPC 1-7
C10M 105/38; C10M 105/40; C10M 105/42; C10N 20/00; C10N 30/00; C10N 40/00

IPC 8 full level
C10M 105/00 (2006.01); **C10M 105/32** (2006.01); **C10M 105/38** (2006.01); **C10M 105/40** (2006.01); **C10M 105/42** (2006.01); **C10M 105/44** (2006.01); **C10M 171/00** (2006.01)

CPC (source: EP KR)
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US5470497A; US5997760A; US6693064B2; US5494597A; AU715115B2; US5830833A; US5342533A; US5833876A; US6998065B1; EP0835922A1; EP0580308A1; US5395544A; AU714683B2; US6350392B1; US6551523B1; EP0514988A3; US7052626B1; TR25716A; US6582621B1; WO9640848A1; WO9532266A1; WO9409096A1; WO9416028A1; KR100249556B1

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