

Title (en)
REFRIGERATION LUBRICANTS

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Application
EP 91121101 A 19891017

Priority
• EP 89119265 A 19891017
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• JP 17200089 A 19890705

Abstract (en)
[origin: EP0406479A1] A lubricant for hydrofluorocarbon refrigerant comprises as a main component an ester obtained by esterifying at least one straight or branched-chain monovalent fatty acid having a particular carbon number with neopentyl glycol or at least one compound of general formula (I) or a polyvalent alcohol of general formula (II) or further at least one polybasic acid having a particular carbon number: <CHEM> This lubricant has a sufficient compatibility with the hydrofluorocarbon refrigerant used as a refrigerant instead of the conventional chlorine-containing compounds.

IPC 1-7
C10M 105/38; **C10M 105/40**; **C10M 105/42**

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)
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); **C10M 105/42** (2013.01 - EP KR); **C10M 105/44** (2013.01 - EP); **C10M 105/52** (2013.01 - EP); **C10M 171/008** (2013.01 - EP); **C10M 2203/003** (2013.01 - EP); **C10M 2207/2805** (2013.01 - EP); **C10M 2207/281** (2013.01 - EP); **C10M 2207/282** (2013.01 - EP); **C10M 2207/283** (2013.01 - EP); **C10M 2207/2835** (2013.01 - EP); **C10M 2207/286** (2013.01 - EP); **C10M 2207/2875** (2013.01 - EP); **C10M 2207/2885** (2013.01 - EP); **C10M 2207/289** (2013.01 - EP); **C10M 2207/2895** (2013.01 - EP); **C10M 2207/301** (2013.01 - EP); **C10M 2207/302** (2013.01 - EP); **C10M 2207/3025** (2013.01 - EP); **C10M 2207/345** (2013.01 - EP); **C10M 2209/109** (2013.01 - EP); **C10M 2209/11** (2013.01 - EP); **C10M 2211/0206** (2013.01 - EP); **C10M 2211/022** (2013.01 - EP); **C10M 2211/0225** (2013.01 - EP); **C10M 2211/0245** (2013.01 - EP); **C10M 2211/06** (2013.01 - EP); **C10N 2040/00** (2013.01 - EP); **C10N 2040/30** (2013.01 - EP); **C10N 2040/32** (2013.01 - EP); **C10N 2040/34** (2013.01 - EP); **C10N 2040/36** (2013.01 - EP); **C10N 2040/38** (2020.05 - EP); **C10N 2040/40** (2020.05 - EP); **C10N 2040/42** (2020.05 - EP); **C10N 2040/44** (2020.05 - EP); **C10N 2040/50** (2020.05 - EP)

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EP 89119265 A 19891017; DE 68914448 T 19891017; DE 68925537 T 19891017; DE 68927916 T 19891017; DE 68928281 T 19891017; EP 91121100 A 19891017; EP 91121101 A 19891017; EP 92121965 A 19891017; ES 89119265 T 19891017; ES 91121100 T 19891017; ES 91121101 T 19891017; ES 92121965 T 19891017; KR 19960019881 A 19960604; KR 19970000016 A 19970103; KR 890014232 A 19891004; SG 1996007058 A 19891007; SG 1996007124 A 19891017