

Title (en)

HEAT TRANSFER COMPOSITIONS HAVING IMPROVED MISCIBILITY WITH LUBRICATING OIL

Title (de)

WÄRMETRÄGERZUSAMMENSETZUNGEN MIT VERBESSERTER MISCHBARKEIT MIT SCHMIERÖL

Title (fr)

COMPOSITIONS DE TRANSFERT DE CHALEUR PRESENTANT UNE MISCIBILITE AMELIOREE AVEC L'HUILE DE LUBRIFICATION

Publication

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Application

EP 13701847 A 20130109

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Abstract (en)

[origin: US2013186114A1] The invention relates to a composition comprising: a heat-transfer fluid comprising from 15% to 30% ammonia and from 70% to 85% 2,3,3,3-tetrafluoropropene; and a lubricant oil comprising a polyalkylene glycol. The invention also relates to the use of ammonia for increasing the miscibility of 2,3,3,3-tetrafluoropropene with the polyalkylene glycol, and vice versa.

IPC 8 full level

C09K 5/04 (2006.01); **C10M 171/00** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2013110868A1

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US 2013186114 A1 20130725; **US 8858825 B2 20141014**; CN 104066809 A 20140924; CN 104066809 B 20161221; EP 2807226 A1 20141203; FR 2986007 A1 20130726; FR 2986007 B1 20150123; JP 2015506402 A 20150302; JP 5933758 B2 20160615; KR 20140107611 A 20140904; WO 2013110868 A1 20130801

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