

Title (en)

1,1,1,2,2,4,5,5,5-NONAFUORO-4-(TRIFLUOROMETHYL)-3-PENTANONE REFRIGERANT AND HEAT TRANSFER COMPOSITIONS
COMPRISING A FLUOROETHER

Title (de)

1,1,1,2,2,4,5,5,5-NONAFUOR-4-(TRIFLUORMETHYL)-3-PENTANON-KÜHLMITTEL UND WÄRMETRÄGERZUSAMMENSETZUNGEN MIT
FLUORETHER

Title (fr)

COMPOSITIONS DE RÉFRIGÉRANT 1,1,1,2,2,4,5,5,5-NONAFUOR-4-(TRIFLUOROMÉTHYLE)-3-PENTANONE ET DE TRANSFERT DE
CHALEUR COMPRENANT UN ÉTHER FLUORÉ

Publication

EP 1751244 A2 20070214 (EN)

Application

EP 05755364 A 20050525

Priority

- US 2005018885 W 20050525
- US 57503704 P 20040526
- US 6317805 A 20050222

Abstract (en)

[origin: WO2005119142A2] Disclosed herein are 1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone compositions for use in refrigeration and air conditioning systems, particularly centrifugal compressor systems. Also disclosed are 1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-3-pentanone in combination with fluoroethers, which are azeotropic or near azeotropic.

IPC 8 full level

C09K 5/00 (2006.01); **C09K 5/04** (2006.01); **F25D 1/00** (2006.01)

CPC (source: EP KR)

C07C 49/167 (2013.01 - KR); **C09K 5/00** (2013.01 - KR); **C09K 5/045** (2013.01 - EP); **C10M 1/00** (2013.01 - KR); **F25D 1/00** (2013.01 - KR);
C09K 2205/112 (2013.01 - EP); **C09K 2205/22** (2013.01 - EP)

Citation (search report)

See references of WO 2005119142A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005119142 A2 20051215; WO 2005119142 A3 20060608; AR 050664 A1 20061115; AU 2005250878 A1 20051215;
BR PI0510924 A 20071113; CA 2564165 A1 20051215; EP 1751244 A2 20070214; JP 2008500436 A 20080110; KR 20070015593 A 20070205;
MX PA06013549 A 20070126; NO 20066031 L 20070219

DOCDB simple family (application)

US 2005018885 W 20050525; AR P050102164 A 20050526; AU 2005250878 A 20050525; BR PI0510924 A 20050525;
CA 2564165 A 20050525; EP 05755364 A 20050525; JP 2007515433 A 20050525; KR 20067024692 A 20061124; MX PA06013549 A 20050525;
NO 20066031 A 20061227