

Title (en)
REFRIGERANTS BASED ON HYDROFLUOROETHER OF FLUOROETHER

Title (de)
KÄLTEMITTELZUSAMMENSETZUNGEN AUF BASIS VON HYDROFLUORETHER ODER FLUORETHER

Title (fr)
FRIGORIGENES A BASE D'HYDROFLUOROETHER OU DE FLUOROETHER

Publication
EP 0830436 A1 19980325 (EN)

Application
EP 96917191 A 19960604

Priority
• US 9608921 W 19960604
• US 47775595 A 19950607

Abstract (en)
[origin: WO9640834A1] Compositions comprising a hydrofluoroether or fluoroether of the formula $\text{CaFbH}_{2a+2-b}\text{Oc}$ wherein $a = 3$ to 6 , $b = 1$ to 14 and $c = 1$ or 2 ; an acyclic hydrofluorocarbon or fluorocarbon of the formula CdFeH_{2d+2-e} wherein $d = 4$ to 6 and $e = 1$ to 14 ; a cyclic hydrofluorocarbon or fluorocarbon of the formula CmFnH_{2m-n} wherein $m = 4$ to 6 and $n = 1$ to 12 ; a fluoroalcohol of the formula $\text{CrFsH}_{2r+1-s}\text{OH}$ wherein $r = 4$ to 6 and $s = 1$ to 13 ; or perfluoro-n-methylmorpholine wherein said compositions are useful as refrigerants, cleaning agents, aerosol propellants, heat transfer media, gaseous dielectrics, fire extinguishing agents, expansion agents for polymers such as polyolefins and polyurethanes, and as power cycle working fluids are described.

IPC 1-7
C09K 5/04; **C09K 3/30**; **C08J 9/14**; **C11D 7/50**; **C23G 5/028**

IPC 8 full level
A62D 1/02 (2006.01); **C07C 19/08** (2006.01); **C07C 23/02** (2006.01); **C07C 23/06** (2006.01); **C07C 23/10** (2006.01); **C07C 31/38** (2006.01); **C07C 43/12** (2006.01); **C07D 265/30** (2006.01); **C08J 9/14** (2006.01); **C09K 3/30** (2006.01); **C09K 5/04** (2006.01); **C10M 105/54** (2006.01); **C11D 7/28** (2006.01); **C11D 7/30** (2006.01); **C11D 7/50** (2006.01); **C23G 5/028** (2006.01); **C10N 40/08** (2006.01); **C10N 40/30** (2006.01)

CPC (source: EP)
C08J 9/143 (2013.01); **C08J 9/149** (2013.01); **C09K 3/30** (2013.01); **C09K 5/045** (2013.01); **C11D 7/5063** (2013.01); **C23G 5/02803** (2013.01); **C08J 2203/146** (2013.01); **C08J 2207/04** (2013.01); **C09K 2205/112** (2013.01); **C09K 2205/124** (2013.01); **C09K 2205/132** (2013.01)

Citation (search report)
See references of WO 9640834A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
WO 9640834 A1 19961219; EP 0830436 A1 19980325; JP H10506926 A 19980707

DOCDB simple family (application)
US 9608921 W 19960604; EP 96917191 A 19960604; JP 50137397 A 19960604