

Title (en)
1,1,1,3,3-PENTAFLUOROPROPANE COMPOSITIONS

Title (de)
PENTAFLUORPROPAN-ZUSAMMENSETZUNGEN

Title (fr)
COMPOSITIONS DE 1,1,1,3,3-PENTAFLUOROPROPANE

Publication
EP 1047746 A1 20001102 (EN)

Application
EP 99901465 A 19990114

Priority
• US 9900746 W 19990114
• US 7165198 P 19980116

Abstract (en)
[origin: WO9936486A1] The present invention relates to compositions of 1,1,1,3,3-pentafluoropropane and a hydrocarbon such as cyclohexane, 2,2-dimethylbutane, 2,3-dimethylbutane, 2,3-dimethylpentane, 3-ethylpentane, heptane, methylcyclopentane, 2-methylpentane, 3-methylpentane, and dimethyl ether. The compositions, which may be azeotropic or azeotrope-like, may be used as refrigerants, cleaning agents, expansion agents for polyolefins and polyurethanes, active ingredients in aerosol formulations, refrigerants, heat transfer media, gaseous dielectrics, fire extinguishing agents, power cycle working fluids, polymerization media, particulate removal fluids, carrier fluids, buffing abrasive agents or displacement drying agents.

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

IPC 8 full level
C08J 9/14 (2006.01); **C09K 3/30** (2006.01); **C09K 5/04** (2006.01); **C11D 7/50** (2006.01); **C23G 5/028** (2006.01); **C11D 7/24** (2006.01); **C11D 7/26** (2006.01); **C11D 7/28** (2006.01)

CPC (source: EP)
C08J 9/149 (2013.01); **C09K 3/30** (2013.01); **C09K 5/045** (2013.01); **C11D 7/5072** (2013.01); **C11D 7/5086** (2013.01); **C23G 5/02803** (2013.01); **C08J 2203/14** (2013.01); **C08J 2203/142** (2013.01); **C08J 2207/04** (2013.01); **C09K 2205/11** (2013.01); **C09K 2205/12** (2013.01); **C09K 2205/32** (2013.01); **C11D 7/24** (2013.01); **C11D 7/263** (2013.01); **C11D 7/28** (2013.01)

Citation (search report)
See references of WO 9936486A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9936486 A1 19990722; AR 014318 A1 20010207; AU 2115499 A 19990802; EP 1047746 A1 20001102

DOCDB simple family (application)
US 9900746 W 19990114; AR P990100147 A 19990115; AU 2115499 A 19990114; EP 99901465 A 19990114