

Title (en)

AZEOTROPE AND AZEOTROPE-LIKE COMPOSITIONS OF 1-BROMOPROPANE AND DICHLOROPENTAFLUOROPROPANES

Title (de)

AZEOTROPE SOWIE AZEOTROPÄHNLICHE ZUSAMMENSETZUNGEN AUS 1-BROMPROPAN UND DICHLORPENTAFLUORPROPANEN

Title (fr)

COMPOSITIONS AZEOTROPES, ET DU TYPE AZEOTROPE, DE 1-BROMOPROPANE ET DE DICHLOROPENTAFLUOROPROPANES

Publication

EP 0994928 A1 20000426 (EN)

Application

EP 98933296 A 19980709

Priority

- US 9814251 W 19980709
- US 5200697 P 19970709

Abstract (en)

[origin: WO9902615A1] A cleaning and degreasing solvent comprising 1-bromopropane and a dichloropentafluoropropane. Preferably the dichloropentafluoropropane consists essentially of a mixture of 3,3-dichloro-1,1, pentafluoropropane and 1,3-dichloro-1,1,2,2,3-pentafluoropropane. The cleaning and degreasing solvent optionally includes stabilizers and co-solvents to ameliorate the chemical and physical properties of the cleaning solvents. The stabilizer and co-solvents include alcohols, ketones, ethers, acetals, nitroalkanes, epoxides, amines, saturated hydrocarbons, alkenes, alkynes and esters. The solvent composition of the present invention is useful for cleaning a wide variety of articles having metal, cloth, ceramic and plastic surfaces.

IPC 1-7

C09D 9/00; **C11D 7/50**; **C23G 5/02**

IPC 8 full level

C11D 7/30 (2006.01); **C11D 7/50** (2006.01); **C23G 5/02** (2006.01); **C23G 5/028** (2006.01); **C11D 7/26** (2006.01); **C11D 7/28** (2006.01)

CPC (source: EP)

C11D 7/261 (2013.01); **C11D 7/5018** (2013.01); **C11D 7/504** (2013.01); **C11D 7/5077** (2013.01); **C23G 5/02825** (2013.01); **C23G 5/02851** (2013.01); **C11D 7/263** (2013.01); **C11D 7/264** (2013.01); **C11D 7/28** (2013.01)

Citation (search report)

See references of WO 9902615A1

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

WO 9902615 A1 19990121; AU 8297298 A 19990208; CA 2295507 A1 19990121; EP 0994928 A1 20000426; JP 2003527446 A 20030916

DOCDB simple family (application)

US 9814251 W 19980709; AU 8297298 A 19980709; CA 2295507 A 19980709; EP 98933296 A 19980709; JP 2000502120 A 19980709