

Title (en)

AZEOTROPE-LIKE COMPOSITIONS OF 1,1-DICHLORO-1-FLUOROETHANE; ETHANOL; AND NITROMETHANE

Title (de)

AZEOTROP-ÄHNLICHE ZUSAMMENSETZUNGEN VON 1,1-DICHLOR-1-FLUORÄTHAN, ÄTHANOL UND NITROMETHAN

Title (fr)

COMPOSITIONS AZEOTROPES DE DICHLORO-1,1-FLUOROETHANE-1; ETHANOL; ET NITROMETHANE

Publication

EP 0542796 B1 19960925 (EN)

Application

EP 91913860 A 19910710

Priority

- US 9104842 W 19910710
- US 56552290 A 19900809

Abstract (en)

[origin: WO9202666A1] Azeotrope-like compositions comprising 1,1-dichloro-1-fluoroethane; ethanol; and nitromethane are stable and have utility as degreasing agents and as solvents in a variety of industrial cleaning applications including cold cleaning and defluxing of printed circuit boards and dry cleaning.

IPC 1-7

C23G 5/028; C11D 7/50

IPC 8 full level

C09K 5/04 (2006.01); **C07C 19/08** (2006.01); **C07C 31/08** (2006.01); **C11D 7/50** (2006.01); **C23G 5/028** (2006.01); **H05K 3/26** (2006.01)

CPC (source: EP KR)

C11D 7/50 (2013.01 - KR); **C11D 7/5081** (2013.01 - EP); **C23G 5/02832** (2013.01 - EP)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

WO 9202666 A1 19920220; AT E143419 T1 19961015; AU 8288891 A 19920302; CA 2087847 A1 19920210; DE 69122396 D1 19961031; EP 0542796 A1 19930526; EP 0542796 B1 19960925; ES 2091936 T3 19961116; JP H05508880 A 19931209; KR 930701583 A 19930612; MX 9100409 A 19920401

DOCDB simple family (application)

US 9104842 W 19910710; AT 91913860 T 19910710; AU 8288891 A 19910710; CA 2087847 A 19910710; DE 69122396 T 19910710; EP 91913860 A 19910710; ES 91913860 T 19910710; JP 51293191 A 19910710; KR 930700340 A 19930205; MX 9100409 A 19910729