

Title (en)

Azeotrope-like solvents mixture and process for cleaning electronic components using them

Title (de)

Azeotropartiges Lösemittelgemisch und Verfahren zur Reinigung von elektronischen Bauteilen mit Hilfe desselben

Title (fr)

Mélange de solvants pseudoazéotropes et procédé de nettoyage d'éléments électroniques à l'aide du dit mélange

Publication

**EP 0445438 B1 19960605 (DE)**

Application

**EP 90125837 A 19901231**

Priority

DE 4002120 A 19900125

Abstract (en)

[origin: US5073291A] The invention relates to an azeotrope-type mixture which contains about 3-5% by weight of methanol and about 95-97% by weight of 1,4-dihydroperfluorobutane, and also to a process for cleaning electronic components, in particular soldered conductor boards or printed circuits, with the aid of said mixture.

IPC 1-7

**C11D 7/50**; **C23G 5/028**

IPC 8 full level

**B23K 35/38** (2006.01); **C07C 19/08** (2006.01); **C07C 31/04** (2006.01); **C11D 7/50** (2006.01); **C11D 7/60** (2006.01); **C23G 5/028** (2006.01); **H05K 3/26** (2006.01)

CPC (source: EP US)

**C11D 7/5081** (2013.01 - EP US); **C23G 5/02803** (2013.01 - EP US)

Cited by

US5266231A; EP0519432A3; EP0697452A1; US5266232A; EP0519431A3; WO9308240A1; WO9320177A1

Designated contracting state (EPC)

BE DE DK ES FR GB IT NL

DOCDB simple family (publication)

**EP 0445438 A1 19910911**; **EP 0445438 B1 19960605**; DE 4002120 A1 19910801; DE 59010360 D1 19960711; DK 0445438 T3 19961104; ES 2088953 T3 19961001; JP 2812369 B2 19981022; JP H04213397 A 19920804; US 5073291 A 19911217

DOCDB simple family (application)

**EP 90125837 A 19901231**; DE 4002120 A 19900125; DE 59010360 T 19901231; DK 90125837 T 19901231; ES 90125837 T 19901231; JP 638891 A 19910123; US 64451291 A 19910123