

Title (en)

Use of (perfluoroalkyl)-ethylenes as cleaning or drying agents.

Title (de)

Anwendung von Perfluoralkyl-Ethylenen als Reinigungs- oder Trocknungsmittel.

Title (fr)

Application des (perfluoroalkyl)-éthylènes comme agents de nettoyage ou de séchage.

Publication

EP 0443911 B1 19950118 (FR)

Application

EP 91400353 A 19910212

Priority

FR 9002011 A 19900220

Abstract (en)

[origin: JPH04227803A] PURPOSE: To provide a cleaning or drying agent having a property of physical chemistry such as incombustibility or the like and hardly decomposing the stratospheric ozone by using (perfluoroalkyl)ethylene having a specific molecular construction. CONSTITUTION: (Perfluoroalkyl) ethylene represented by the formula $RFCH=CH_2$ (RF is linear or branched perfluoroalkyl radical containing from 3 to 6 carbon atoms) is used for cleaning and degreasing of solid surfaces of metals, glass or the like and defluxing and low-temperature cleaning or the like in electronics. This material preferably has the formula $C_4F_9CH=CH_2$ has properties of physical chemistry, such as incombustibility, high wettability, low solubility, low boiling point, same as F113, being less apt to decompose stratospheric ozone in contrast to F113.

IPC 1-7

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

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

EP0525266A1; US5458800A; EP2287282A3; FR2766837A1; FR2694942A1; EP0731162A1; FR2731436A1; EP0607969A1; US5431837A; US5490894A; EP4098729A1; WO2022253857A1; EP2287282B1

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