

Title (en)

Method of decontaminating mineral oils and dielectric silicone fluids.

Title (de)

Verfahren zur Entgiftung von Mineralölen und Silicone enthaltenden dielektrischen Flüssigkeiten.

Title (fr)

Procédé pour la décontamination d'huiles minérales et de fluides de silicone diélectriques.

Publication

**EP 0109366 A1 19840523 (EN)**

Application

**EP 83830204 A 19831018**

Priority

IT 2417482 A 19821111

Abstract (en)

The method comprises mixing the fluid to be decontaminated with a solvent at a temperature suitable for a full dissolution thereof, separating by decantation and/or centrifugation the solvent excess from the fluid under treatment, stripping the dissolved rests of solvent from the fluid and recovering the solvent by distillation under separation of the polychlorobiphenyl originally contained in the fluid to be decontaminated. A pyrrolidone or an alkyl derivative thereof is employed as a solvent. The mixing, decantation and/or centrifugation and stripping steps can be cyclically repeated until the fluid is fully decontaminated.

IPC 1-7

**C10M 11/00**; A62D 3/00

IPC 8 full level

**C10G 21/00** (2006.01)

CPC (source: EP)

**C10G 21/006** (2013.01)

Citation (search report)

- FR 88678 A
- US 2484469 A 19491011 - SCHAEFFER BENJAMIN B
- GB 2071137 A 19810916 - TEXACO DEVELOPMENT CORP
- US 4299704 A 19811110 - FOSS STEPHEN D
- US 4387018 A 19830607 - COOK GUS T, et al
- US 4405448 A 19830920 - GOOGIN JOHN M [US], et al
- CHEMICAL ABSTRACTS, vol. 99, no. 22, 28th November 1983, page 319, no. 181006u, Columbus, Ohio, US

Cited by

EP0170808A1; US4913178A; FR2591383A1; FR2626582A1; US4790337A; CZ298571B6; US6712954B1; WO0027957A1

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