

Title (en)

A process to remove polychloro-bi-phenyls from mineral oils

Title (de)

Verfahren zur Entfernung von Polychlorobiphenylen von Mineralölen

Title (fr)

Procédé d'élimination des polychlorobiphényles d'huiles minérales

Publication

EP 0719572 B1 19990728 (EN)

Application

EP 95116723 A 19951024

Priority

IT MI942660 A 19941228

Abstract (en)

[origin: EP0719572A1] Poly-chloride-bi-phenyls are removed from mineral oils by means of a hydro-dehalogenation reaction in a multi-phase system by means of a process which takes place in a reactor at temperatures between 10 and 150 DEG C and at a pressure less than 5 Atm and the mineral oil containing poly-chloro-bi-phenyls is put in contact and made to react with a multi-phase system comprising an alkali water solution, a hydrogenation catalyst, a phase transfer catalyst and a source of hydrogen.

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IPC 8 full level

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CPC (source: EP)

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EP 0719572 A1 19960703; **EP 0719572 B1 19990728**; AT E182480 T1 19990815; DE 69511055 D1 19990902; IT 1271341 B 19970527; IT MI942660 A0 19941228; IT MI942660 A1 19960628

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