

Title (en)

Process for the hydrogenation treatment of mineral oils contaminated by chlorobiphenyls

Title (de)

Verfahren zur hydrierenden Behandlung von mit Chlorbiphenylen kontaminierten Mineralölen

Title (fr)

Procédé de traitement par hydrogénation des huiles minérales contaminées avec les chlorobiphényles

Publication

**EP 0257260 B2 19960807 (DE)**

Application

**EP 87109958 A 19870710**

Priority

DE 3623430 A 19860711

Abstract (en)

[origin: US4810365A] Halogen-containing oils and hydrocarbons are treated on an industrial scale whereby the mineral base oils comprising the main component of the oils hydrocarbons can be reused. The oils are subjected to a high pressure hydrogenation under typical conditions of liquid phase hydrogenation or of combined liquid-phase and gas-phase hydrogenation, at hydrogen pressures of 20-325 bar, temperatures of 250 DEG -500 DEG C., and gas/oil ratios of 100-300 m3 per metric ton at STP.

IPC 1-7

**A62D 3/00**; **C10G 45/02**; **C10M 175/02**

IPC 8 full level

**A62D 3/37** (2007.01); **C10G 45/02** (2006.01); **C10G 45/04** (2006.01); **C10G 49/00** (2006.01); **C10G 49/02** (2006.01); **C10M 175/02** (2006.01); **A62D 101/22** (2007.01)

CPC (source: EP US)

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Cited by

FR2687684A1; DE3839799A1; DE3723607A1; EP0371201A1; US5015457A

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DOCDB simple family (publication)

**US 4810365 A 19890307**; AT E68099 T1 19911015; CA 1297063 C 19920310; DE 3623430 A1 19880128; DE 3623430 C2 19890223; DE 3773586 D1 19911114; EP 0257260 A1 19880302; EP 0257260 B1 19911009; EP 0257260 B2 19960807; ES 2025597 T3 19920401; ES 2025597 T5 19961101; GR 3002876 T3 19930125; GR 3021219 T3 19970131; JP 2544391 B2 19961016; JP S6323989 A 19880201

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**US 7163987 A 19870709**; AT 87109958 T 19870710; CA 541818 A 19870710; DE 3623430 A 19860711; DE 3773586 T 19870710; EP 87109958 A 19870710; ES 87109958 T 19870710; GR 910401481 T 19911010; GR 960402573 T 19961002; JP 17130887 A 19870710