

Title (en)
PROCESS FOR PURIFYING AND REGENERATING USED OILS

Publication
EP 0377606 B1 19921125 (DE)

Application
EP 88907226 A 19880818

Priority
DE 3727560 A 19870819

Abstract (en)
[origin: WO8901508A1] Used oils, in particular spent lubricating oils, are coarse filtered and then mixed with an aqueous solution of sodium or potassium silicate and an aqueous solution of polyalkylene glycol at high temperature with stirring. The mixture obtained is allowed to stand, the sediment is separated, and water and light volatiles are separated from the oil phase by distillation. The dried oil phase obtained can be subjected, either directly or by a known treatment with dispersed sodium, to filtration adsorption and then fractionally distilled.

IPC 1-7
C10M 175/00

IPC 8 full level
B01D 35/02 (2006.01); **C10G 19/02** (2006.01); **C10G 31/00** (2006.01); **C10G 53/02** (2006.01); **C10G 67/10** (2006.01); **C10M 175/00** (2006.01); **C10M 175/02** (2006.01)

CPC (source: EP US)
C10G 31/00 (2013.01 - EP US); **C10G 2400/10** (2013.01 - EP US)

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WO 8901508 A1 19890223; AU 2269788 A 19890309; CN 1021233 C 19930616; CN 1045122 A 19900905; DE 3876245 D1 19930107; DE 3890632 D2 19900719; EP 0377606 A1 19900718; EP 0377606 B1 19921125; JP H02504523 A 19901220; RU 1834902 C 19930815; US 5141628 A 19920825

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