

Title (en)

Additives derived from crude oil for improving the cold flow properties of crude and distillate oils

Title (de)

Additive auf erdöleigener Basis zur Verbesserung der Kaltfließseigenschaften von Roh- und Destillatölen

Title (fr)

Additifs à base de pétrole brut améliorant l'écoulement à froid du brut et des distillats pétroliers

Publication

EP 1245662 A3 20040102 (DE)

Application

EP 02005974 A 20020315

Priority

DE 10116267 A 20010331

Abstract (en)

[origin: EP1245662A2] Additive for improving the cold flow properties of crude oil and distillate oils is produced by extracting crude oil with a supercritical gas. An Independent claim is also included for fuel oil containing the additive.

IPC 1-7

C10L 1/14; **C10G 21/00**; **C10G 53/06**

IPC 8 full level

C10G 21/00 (2006.01); **C10G 21/08** (2006.01); **C10G 21/14** (2006.01); **C10L 1/16** (2006.01)

CPC (source: EP US)

C10G 21/00 (2013.01 - EP US); **C10G 21/08** (2013.01 - EP US); **C10G 21/14** (2013.01 - EP US); **C10L 1/1616** (2013.01 - EP US)

Citation (search report)

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- [YD] WO 0052118 A1 20000908 - COMMISSARIAT ENERGIE ATOMIQUE [FR], et al
- [XY] US 4074978 A 19780221 - PANZER JEROME
- [X] H.J. OSCHMANN, U. PRAHL, D. SEVERIN: "Separation of Parafin from Crude Oil by Supercritical Fluid Extraction", PETROLEUM SCIENCE AND TECHNOLOGY, vol. 16, 1998, pages 133 - 143, XP009018703
- [XD] K. ZOSEL: "Praktische Anwendung der Stofftrennung mit überkritischen Gasen", ANGEWANDTE CHEMIE, vol. 90, 1978, pages 748 - 755, XP009018638

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