Title (en)

UTILISATION D'UN ADDITIF POUR AMELIORER LES PROPRIETES D'HUILES LOURDES

Title (de)

VERWENDUNG EINES ADDITIVS ZUR VERBESSERUNG DER EIGENSCHAFTEN VON SCHWEREN ÖLEN

Title (fr)

USE OF AN ADDITIVE TO IMPROVE THE PROPERTIES OF HEAVY OIL

Publication

EP 0938534 B1 20010926 (DE)

Application

EP 97912206 A 19971021

Priority

- DE 19643832 A 19961030
- EP 9705793 W 19971021

Abstract (en)

[origin: DE19643832A1] The additive described consists essentially of a selected oxalkylated fatty amine or fatty amine derivative and a special mineral salt compound, preferably a metal soap. Said additive for heavy oils produces good emulsification and dispersion of asphaltenes and other high molecular compounds thereby resulting inter alia in increased storage stability, improved pumpability due to reduced viscosity of the oil and longer operational life of the filter systems. Further, said additive produces better combustion of heavy oils. The effective additive quantity for said oils amounts to 2 to 2,000 ppm. The oils described are specially adequate to be used as fuel for industrial installations and power stations and as fuel for boat motors.

IPC 1-7

C10L 1/14; C10G 75/04; E21B 37/06; C10L 10/00; C10L 10/02

IPC 8 full level

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CPC (source: EP US)

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US 95783497 A 19971027; AR P970104981 A 19971028; AU 4948797 A 19971021; BR 9712463 A 19971021; CA 2270218 A 19971021; CN 97199328 A 19971021; CO 97062842 A 19971027; DE 19643832 A 19961030; DE 59704734 T 19971021; DK 97912206 T 19971021; EP 9705793 W 19971021; EP 97912206 A 19971021; ES 97912206 T 19971021; HU P9904230 A 19971021; ID 990210 A 19971021; MY PI9705124 A 19971029; NO 991949 A 19990423; RU 99111742 A 19971021; TR 9900929 T 19971021; UA 99052952 A 19971021; ZA 979704 A 19971029