

Title (en)

Superheavy oil emulsion fuel.

Title (de)

Schwerstölemulsion.

Title (fr)

Combustible émulsionné d'une huile supre lourde.

Publication

EP 0595640 A1 19940504 (EN)

Application

EP 93308641 A 19931029

Priority

JP 31641492 A 19921030

Abstract (en)

A superheavy oil emulsion fuel, which is excellent in not only handleability as a fuel by virtue of its low viscosity but also long-term stability, comprising at a highly swellable fine clay mineral, a superheavy oil, a surfactant and water.

IPC 1-7

C10L 1/32

IPC 8 full level

C10L 1/32 (2006.01); **C10L 10/18** (2006.01)

CPC (source: EP)

C10L 1/328 (2013.01)

Citation (search report)

- [A] GB 1601174 A 19811028 - LANKO INC
- [A] GB 2235465 A 19910306 - KAO CORP [JP], et al & US 5024676 A 19910618 - MORIYAMA NOBORU [JP], et al

Cited by

EP1668100A4; US5851245A; EP0808889A3; US9080136B2; US2009048142A1; US11015126B2; US10316264B2; WO2016074904A1; WO9638519A1; WO2005037961A2; US11084004B2

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ES GB SE

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