

Title (en)

A MODIFIED EMULSIFIED FUEL OIL AND ITS PREPARATION METHOD

Title (de)

MODIFIZIERTES EMULGIERTES BRENNSTOFFÖL UND HERSTELLUNGSVERFAHREN

Title (fr)

MAZOUT EMULSIFIE ET MODIFIE ET SON PROCEDE DE PREPARATION

Publication

EP 1900796 A1 20080319 (EN)

Application

EP 06742192 A 20060620

Priority

- CN 2006001395 W 20060620
- CN 200510027111 A 20050624

Abstract (en)

Taught is a modified emulsified fuel oil and its preparation method, prepared by mixing the below materials in weight percentage: heavy oil 40-50 wt %; softened water 10-25 wt%; emulsifier 0.1-0.5 wt%; light oil 5-30 wt%; modifier 1-15 wt%; and auxiliary agent 7.5-15 wt%. The heating value of said modified emulsified fuel oil is 8000-13000 kJ/kg. The emulsified fuel oil can be used for high-speed diesel engine trucks and fuel boilers.

IPC 8 full level

C10L 1/32 (2006.01)

CPC (source: EP KR US)

C10L 1/1291 (2013.01 - KR); **C10L 1/1608** (2013.01 - KR); **C10L 1/1616** (2013.01 - KR); **C10L 1/1832** (2013.01 - KR);
C10L 1/1905 (2013.01 - KR); **C10L 1/1985** (2013.01 - KR); **C10L 1/231** (2013.01 - KR); **C10L 1/2381** (2013.01 - KR);
C10L 1/322 (2013.01 - EP KR US); **C10L 1/328** (2013.01 - EP KR US); **C10L 1/1291** (2013.01 - EP US); **C10L 1/1608** (2013.01 - EP US);
C10L 1/1616 (2013.01 - EP US); **C10L 1/1832** (2013.01 - EP US); **C10L 1/1905** (2013.01 - EP US); **C10L 1/1985** (2013.01 - EP US);
C10L 1/231 (2013.01 - EP US); **C10L 1/2381** (2013.01 - EP US); **C10L 2270/026** (2013.01 - KR); **C10L 2300/20** (2013.01 - EP US)

Cited by

CN106479583A; CN102344838A; CN102517100A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1900796 A1 20080319; **EP 1900796 A4 20100414**; CN 1884443 A 20061227; KR 20080017491 A 20080226; US 2009313885 A1 20091224;
WO 2006136096 A1 20061228

DOCDB simple family (application)

EP 06742192 A 20060620; CN 200510027111 A 20050624; CN 2006001395 W 20060620; KR 20087001790 A 20080123;
US 96241707 A 20071221