

Title (en)

EMULSION FUEL AND METHOD OF PREPARING THE SAME

Title (de)

EMULSIONSBRENNSTOFF UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

COMBUSTIBLE EN EMULSION ET SON PROCEDE DE PREPARATION

Publication

**EP 1680489 A1 20060719 (EN)**

Application

**EP 03751521 A 20031013**

Priority

KR 0302105 W 20031013

Abstract (en)

[origin: WO2005035696A1] The emulsion fuel according to the present invention is prepared by emulsifying about 55 to 90 % by weight of a mixture of heavy oil, 45 to 10 % by weight of water, and 0.3 to 0.8 % by weight of a catalyst. The catalyst comprises caustic soda (sodium hydroxide) and calcium dichloride in half and half. The calcium chloride can be partly substituted with calcium sulfate.

IPC 1-7

**C10L 1/32**

IPC 8 full level

**C10L 1/32** (2006.01)

CPC (source: EP US)

**C10L 1/328** (2013.01 - EP US)

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**WO 2005035696 A1 20050421**; AU 2003271199 A1 20050427; CA 2540071 A1 20031013; EP 1680489 A1 20060719; EP 1680489 A4 20110504; JP 2007520573 A 20070726; MX PA06003667 A 20060811; US 2007113938 A1 20070524

DOCDB simple family (application)

**KR 0302105 W 20031013**; AU 2003271199 A 20031013; CA 2540071 A 20031013; EP 03751521 A 20031013; JP 2005509481 A 20031013; MX PA06003667 A 20031013; US 57402503 A 20031013