

Title (en)
PRETREATMENT METHOD AND SUPPLY METHOD OF EMULSIFIED FUEL

Title (de)
VORBEHANDLUNGSVERFAHREN UND ZUFUHRVERFAHREN FÜR EMULGIERTEN BRENNSTOFF

Title (fr)
PROCEDE DE PRETRAITEMENT ET PROCEDE D'ALIMENTATION EN CARBURANT EMULSIONNE

Publication
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Application
EP 02781772 A 20021115

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• JP 2002292758 A 20021004

Abstract (en)
[origin: WO03050213A1] The invention concerns a pretreatment method of emulsified fuel, wherein an emulsified fuel which is emulsified by adding water and surface active agent to Orinoco tar is heated to 70 °C to 95 °C and, at the same time, introduced in a centrifugal separator at a flow rate of 0.35 Q to 1.0 Q for eliminating impurities contained in the emulsified fuel. Provided that Q is the actual capacity of the centrifugal separator in case of clarifying in the centrifugal separator a heavy oil of 380 cSt in viscosity at 50 °C by heating to 98 °C.

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IPC 8 full level
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CPC (source: EP KR)
C10G 31/10 (2013.01 - EP); **C10L 1/32** (2013.01 - KR); **C10L 1/328** (2013.01 - EP)

Citation (search report)
• [X] DE 2757419 A1 19780727 - SEATRAN LINES INC
• [A] US 5919353 A 19990706 - ITOU HIDENOBU [JP], et al
• [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02 28 February 1997 (1997-02-28)
• [X] PATENT ABSTRACTS OF JAPAN vol. 1997, no. 02 28 February 1997 (1997-02-28)
• See references of WO 03050213A1

Citation (examination)
part 20010-5 03/94 January 1999, WESTFALIA SEPARATOR, article "Capacity table of alfa laval separators"

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