

Title (en)  
METHOD FOR TREATING HEAVY FUEL OIL

Title (de)  
VERFAHREN ZUR AUFBEREITUNG VON SCHWERÖL

Title (fr)  
PROCÉDÉ DE PREPARATION D'HUILE LOURDE

Publication  
**EP 2928988 B1 20221123 (DE)**

Application  
**EP 13802049 A 20131209**

Priority  
• DE 102012112026 A 20121210  
• EP 2013075895 W 20131209

Abstract (en)  
[origin: WO2014090717A2] The invention relates to a method for treating heavy fuel oil on board ships, said oil being used as fuel, in particular for a diesel engine and said method comprising the following steps: a) provision of heavy fuel oil (OIL1) to be treated; b) feeding the heavy fuel oil (OIL1), which has been provided in step a) and is to be treated, into a centrifuge (7) by means of at least one pump (4), the heavy fuel oil that is to be treated being heated before reaching the centrifuge (7), at least temporarily or permanently to a separation temperature T2 in excess of 98° C; and c) separation of an aqueous phase (W) and a sludge phase (S) from a pure oil phase (OIL2) in the centrifuge (7).

IPC 8 full level  
**C10G 31/00** (2006.01)

CPC (source: EP US)  
**C10G 31/06** (2013.01 - EP US); **C10G 31/10** (2013.01 - EP US); **C10G 33/06** (2013.01 - EP US); **C10G 33/08** (2013.01 - EP US); **C10G 2300/4068** (2013.01 - EP US); **C10G 2400/04** (2013.01 - EP US)

Citation (examination)  
EP 2181744 A1 20100505 - CITEC ENGINEERING OY AB [FI]

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**DE 102012112026 A1 20140612**; BR 112015012698 A2 20170711; CN 105051160 A 20151111; EP 2928988 A2 20151014; EP 2928988 B1 20221123; JP 2016509075 A 20160324; KR 102172671 B1 20201102; KR 102172671 B9 20220214; KR 20150093765 A 20150818; SG 11201504533S A 20150730; US 2016122661 A1 20160505; WO 2014090717 A2 20140619; WO 2014090717 A3 20150827

DOCDB simple family (application)  
**DE 102012112026 A 20121210**; BR 112015012698 A 20131209; CN 201380064399 A 20131209; EP 13802049 A 20131209; EP 2013075895 W 20131209; JP 2015546045 A 20131209; KR 20157017960 A 20131209; SG 11201504533S A 20131209; US 201314650263 A 20131209