



US009410090B2

(12) **United States Patent**  
**Sawai et al.**

(10) **Patent No.:** **US 9,410,090 B2**  
(45) **Date of Patent:** **Aug. 9, 2016**

(54) **METHOD OF OPERATING CRUDE TREATMENT SYSTEM**

(71) Applicant: **JGC Corporation**, Tokyo (JP)

(72) Inventors: **Naoaki Sawai**, Kanagawa (JP);  
**Yoshihiro Mizuguchi**, Kanagawa (JP)

(73) Assignee: **JGC Corporation**, Tokyo (JP)

(\* ) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 227 days.

(21) Appl. No.: **14/224,280**

(22) Filed: **Mar. 25, 2014**

(65) **Prior Publication Data**

US 2015/0275100 A1 Oct. 1, 2015

**Related U.S. Application Data**

(63) Continuation of application No. 12/927,901, filed on Nov. 29, 2010, now abandoned.

(51) **Int. Cl.**  
**C10G 7/00** (2006.01)  
**C10G 11/18** (2006.01)  
**C10G 7/06** (2006.01)  
**B01D 3/00** (2006.01)

(52) **U.S. Cl.**  
CPC ..... **C10G 11/18** (2013.01)

(58) **Field of Classification Search**  
CPC ..... C10G 7/00; C10G 7/06; B01D 3/00  
See application file for complete search history.

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*Primary Examiner* — Brian McCaig

(74) *Attorney, Agent, or Firm* — Jordan and Koda PLLC

(57) **ABSTRACT**

Crude containing a comparatively large content of nickel, vanadium, or carbon residue is treated so as to supply a raw material to a downstream catalytic cracking process. A primary distillation tower fractionates first crude into a residue fraction partly used as raw oil of a catalytic cracking process and other fractions. A secondary distillation tower fractionates second crude containing a larger content of a catalytic poison with respect to catalysts used in the catalytic cracking process than the first crude into a light fraction included in a distillation temperature range of the other fractions and a heavy fraction as a rest thereof. A light fraction supply line supplies the light fraction to the primary distillation tower so as to be treated in the primary distillation tower.

**10 Claims, 2 Drawing Sheets**

