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- (71) Applicant: **MAGEMA TECHNOLOGY, LLC** [US/US];
1328 Dian, Houston, TX 77008 (US).
- (72) Inventors: **KLUSSMAN, Bertrand, R.**; 1328 Dian, Houston, TX 77008 (US). **MOORE, Michael, J.**; 721 East 7th Street, Houston, TX 77007 (US).
- (74) Agent: **BERGMAN, Jeffrey, S.** et al.; Osha Liang LLP, 909 Fannin Street, Suite 3500, Houston, TX 77010 (US).
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(54) Title: PROCESS AND DEVICE FOR REDUCING ENVIRONMENTAL CONTAMINATES IN HEAVY MARINE FUEL OIL

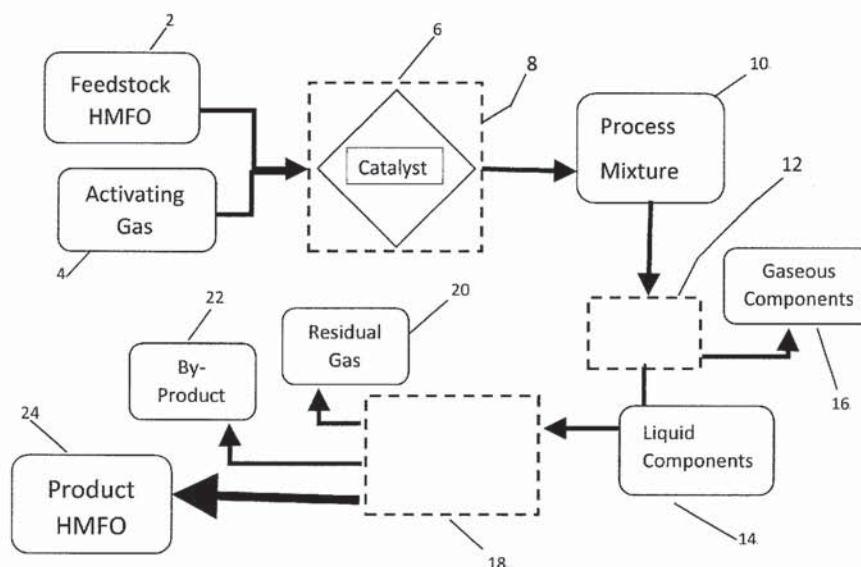


FIG. 1

(57) Abstract: A process and device for reducing the environmental contaminants in a ISO 8217 compliant Feedstock Heavy Marine Fuel Oil, the process involving: mixing a quantity of the Feedstock Heavy Marine Fuel Oil with a quantity of Activating Gas mixture to give a feedstock mixture; contacting the feedstock mixture with one or more catalysts to form a Process Mixture from the feedstock mixture; separating the Product Heavy Marine Fuel Oil liquid components of the Process Mixture from the gaseous components and by-product hydrocarbon components of the Process Mixture and, discharging the Product Heavy Marine Fuel Oil. The Product Heavy Marine Fuel Oil is compliant with ISO 821 7 for residual marine fuel oils and has a sulfur level has a maximum sulfur content (ISO 14596 or ISO 8754) between the range of 0.05 % wt. to 0.5 % wt.. The Product Heavy Marine Fuel Oil can be used as or as a blending stock for an ISO 8217 compliant, IMO MARPOL Annex VI (revised) compliant low sulfur or ultralow sulfur heavy marine fuel oil.

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PCTNOTIFICATION OF THE RECORDING
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To:

BERGMAN, Jeffrey, S.
Osha Liang LLP
909 Fannin Street, Suite 3500
Houston, TX 77010
ÉTATS-UNIS D'AMÉRIQUE

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Applicant's or agent's file reference 18651/002WO1	
International application No. PCT/US2018/017855	International filing date (day/month/year) 12 February 2018 (12.02.2018)

1. The following indications appeared on record concerning:		
☐ the applicant	☒ the inventor	☐ the agent
☐ the common representative		
Name and Address KLUSSMAN, Bertrand, R. 1328 Dian Houston, TX 77008 United States of America	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	E-mail address	
2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:		
☐ the person	☒ the name	☐ the address
☐ the nationality		
☐ the residence		
Name and Address KLUSSMANN, Bertrand, R. 1328 Dian Houston, TX 77008 United States of America	State of Nationality	State of Residence
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Name and Address MOORE, Michael, J. 721 East 7th Street Houston, TX 77007 United States of America	State of Nationality	State of Residence
	Telephone No.	
	Facsimile No.	
	E-mail address	
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