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**The Director of the United States
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Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

United States Patent

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Michelle K. Lee

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If the application for this patent was filed on or after June 8, 1995, the term of this patent begins on the date on which this patent issues and ends twenty years from the filing date of the application or, if the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121, 365(c), or 386(c), twenty years from the filing date of the earliest such application ("the twenty-year term"), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b), and any extension as provided by 35 U.S.C. 154(b) or 156 or any disclaimer under 35 U.S.C. 253.

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

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(45) **Date of Patent:** **Sep. 13, 2016**

(54) **PROCESS FOR REMOVING SULPHUR COMPOUNDS FROM HYDROCARBONS**

(58) **Field of Classification Search**
CPC C10G 27/00; C10G 27/02; C10G 27/12
See application file for complete search history.

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(56) **References Cited**

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

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CA 1213918 11/1986

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Related U.S. Application Data

OTHER PUBLICATIONS

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(57) **ABSTRACT**

Processes are disclosed for reducing the sulphur content of a hydrocarbon material containing sulphur compounds.

60 Claims, 3 Drawing Sheets

