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(71) Applicant (for all designated States except US): SHELL

INTERNATIONALE RESEARCH MAATSCHAPPIJ
B.V. [NL/NL]; Carel van Bylandtlaan 30, 2596 HR The
Hague (NL).

(71) Applicant (for US only): SHELL OIL COMPANY
[US/US]; 150 N. Dairy Ashford, Houston, Texas 77079
(US).

(72) Inventor: JANSSEN, Andries Hendrik; Grasweg 31,
1031HW Amsterdam (NL).

(74) Agent: SHELL LEGAL SERVICES IP; PO BOX 384,
2501 CJ The Hague (NL).

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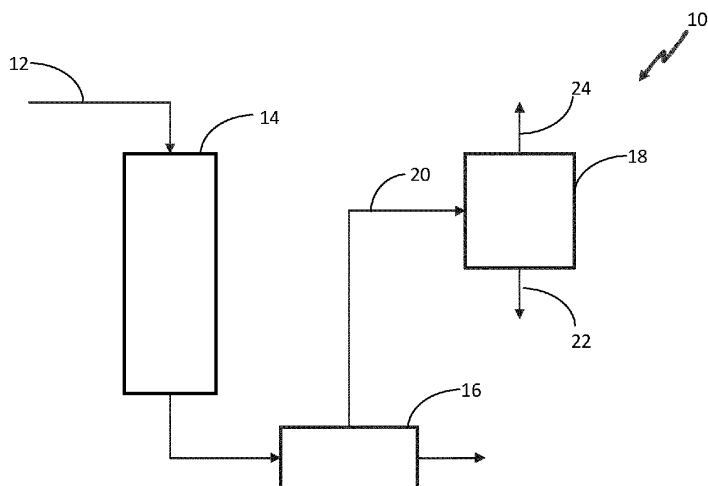


FIG. 1

(57) Abstract: A method for treating an offgas produced in the processing of a renewable feedstock, includes hydrotreating a renewable feedstock to produce an effluent having a hydrotreated liquid and a vapour phase. The effluent vapour phase contains hydrogen, carbon dioxide, hydrogen sulphide and carbon monoxide. The effluent is separated into a liquid stream and an offgas streams. The offgas stream, containing carbon dioxide and hydrogen sulphide is directed to a biological desulfurization unit where a majority of the hydrogen sulphide is converted to elemental sulphur and a CO₂-rich gas stream is produced.

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WO 2022/129258 A1

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