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(54) **Title:** SYSTEMS AND METHODS FOR PROCESSING AMMONIA

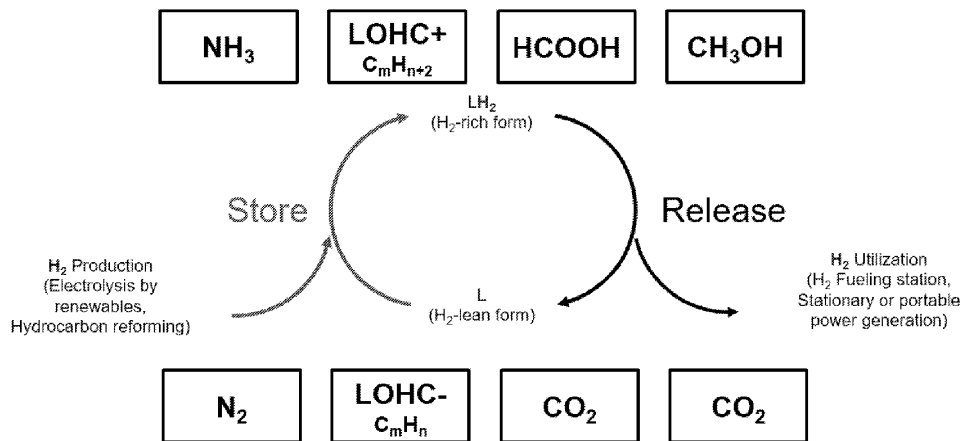


FIG. 2

(57) **Abstract:** The present disclosure provides systems and methods for processing ammonia. The system may comprise one or more reactor modules configured to generate hydrogen from a source material comprising ammonia. The hydrogen generated by the one or more reactor modules may be used to provide additional heating of the reactor modules (e.g., via combustion of the hydrogen), or may be provided to one or more fuel cells for the generation of electrical energy.

[Continued on next page]

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