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(54) Title: DISTRIBUTED HYDROGEN EXTRACTION SYSTEM

(57) Abstract: A hydrogen extraction system is provided. The extraction system can comprise a compressor for compressing a gas mixture comprising hydrogen and a desulfurization unit for receiving the compressed gas mixture. The system can also comprise a hydrogen-extraction device for receiving a reduced-sulfur gas mixture and a hydrogen storage device for receiving an extracted hydrogen gas. A method of extracting hydrogen from a gas mixture comprising natural gas and hydrogen, and a method of determining an energy price are also provided.



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