

ABSTRACT

A hydrocarbon generation system (1) includes a first generation apparatus (60) configured to generate a hydrocarbon with two or more carbon atoms from a first raw material containing: at least one of carbon monoxide and carbon dioxide; and hydrogen. The hydrocarbon generation system (1) includes a second generation apparatus (70) configured to generate methane from a second raw material including: hydrogen; and at least one of carbon monoxide and carbon dioxide contained in the first raw material and discharged from the first generation apparatus (60).

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FIG. 1