

ABSTRACT

This method produces methanol with reduced dependency on fossil fuel. The method includes: a gas acquisition step of acquiring a gas (G1) containing hydrogen by a pyrolysis reaction and/or a dehydrogenation reaction of a hydrocarbon; and a conversion step of converting at least part of the gas (G1), and a source gas containing (G2) carbon oxide into methanol. In the conversion step, the reaction is allowed to proceed by condensing a high boiling point component containing converted methanol and water, and discharging the high boiling point component condensed to the outside of the reaction system.