

ABSTRACT

An air conditioning system (1) includes a carbon dioxide separation device (20) configured to separate some or all of carbon dioxide from air that contains carbon dioxide, an electrolytic reduction device (30) configured to generate a hydrocarbon and
5 oxygen using the separated carbon dioxide as a raw material, and an oxygen supply amount control device (40) configured to supply some or all of the oxygen generated by the electrolytic reduction device (30) to a space to be processed (10).