

METHOD FOR PRODUCING ISOBUTYLENE, METHOD FOR PRODUCING
METHACRYLIC ACID, AND METHOD FOR PRODUCING METHYL
METHACRYLATE

5 ABSTRACT

Provided is a method for producing isobutylene with a high selectivity by a dehydration reaction of isobutanol. There are provided a method for producing isobutylene by dehydration of isobutanol, in which the dehydration of isobutanol is performed in a state where at least one of an organic acid and an organic acid ester is
10 present in a reaction system, and methods for producing methacrylic acid and methyl methacrylate from the obtained isobutylene.

[No Figure.]