

METHOD FOR PRODUCING (METH)ACRYLIC ACID

ABSTRACT

- 5 The present invention provides a (meth)acrylic acid-producing method capable of
suppressing formation of carbides so that the production yield of (meth)acrylic acid is
enhanced. In such a method, (meth)acrylic acid is produced through gas-phase
catalytic oxidation reactions of (meth)acrolein by using molecular oxygen in a fixed-bed
10 reactor configured to have a packed layer containing a packing material and a catalyst
layer formed with a catalyst containing at least molybdenum and vanadium. The
packed layer contains a packing material that has been used at least once for above
gas-phase catalytic oxidation reactions, and the catalyst is present in the packed layer at
0.001~0.15 mass% of the total amount of the packing material.
- 15 [Fig.1 accompanies the abstract]