

**METHOD FOR REGENERATING CATALYST FOR THE PRODUCTION
OF METHACRYLIC ACID AND PROCESS FOR PREPARING
METHACRYLIC ACID**

5

ABSTRACT

A catalyst for the production of methacrylic acid comprising a heteropolyacid compound containing phosphorus and molybdenum is regenerated by a method comprises the steps of heat-treating a deactivated catalyst at a temperature of at least 350°C, mixing the deactivated catalyst
10 with water, a nitrate ion and an ammonium ion, then drying the mixture to obtain a dried catalyst, and calcining the dried catalyst.