

PROCESS FOR PRODUCING UNSATURATED HYDROCARBONS AND
DEHYDROGENATION CATALYST USED IN THE PROCESS

ABSTRACT

The invention provides a process for producing an unsaturated hydrocarbon by dehydrogenating a hydrocarbon into a corresponding unsaturated hydrocarbon with use of a nontoxic catalyst having a long catalytic life.

The process for producing unsaturated hydrocarbons includes a step of dehydrogenating a hydrocarbon into a corresponding unsaturated hydrocarbon by contacting the hydrocarbon with a catalyst A that is obtained by supporting zinc and a Group VIIIA metal on a silicate obtained by removing at least part of the boron atoms from a borosilicate.

(No suitable figure)