

CATALYST COMPOSITION AND PROCESS FOR PRODUCING AROMATIC HYDROCARBON
USING THE CATALYST COMPOSITION

ABSTRACT

5

It is an object of the present invention to provide a catalyst that is excellent in stability even at a high catalyst-regeneration temperature. It is another object of the present invention to provide a process for producing an aromatic hydrocarbon from a lower
10 hydrocarbon by using the above catalyst. The catalyst composition comprises molybdenum, a second metal that is not molybdenum, and a crystalline metallosilicate, wherein the content of molybdenum is 1 to 20% by weight in terms of a molybdenum atom, and the content of the second metal is 2 to 20% by weight in terms of a metal atom.

15

(Fig. 1)