

ABSTRACT

METHOD FOR PRODUCING AROMATIC HYDROCARBONS

5 Provided is a method for producing aromatic hydrocarbons, by which a
feedstock containing a hydrogenation-treated oil of a thermally cracked heavy oil
obtainable from an ethylene production apparatus is brought into contact with a catalyst
for monocyclic aromatic hydrocarbon production containing a crystalline aluminosilicate,
and thereby aromatic hydrocarbons are produced. A raw material having an end point
10 of the distillation characteristics of 400°C or lower is used as the feedstock. The contact
between the feedstock and the catalyst for monocyclic aromatic hydrocarbon production
is carried out at a pressure of 0.1 MPaG to 1.5 MPaG.

Figure 1

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