

ABSTRACT

METHOD FOR PRODUCING AROMATIC HYDROCARBON

[Summary]

5 [Object] To produce aromatic hydrocarbon stably for a long time maintaining a high aromatic hydrocarbon yield when the aromatic hydrocarbon is produced upon making a contact reaction between lower hydrocarbon and a catalyst.

[Solving Means] In a method of producing aromatic hydrocarbon,
10 including repeating a reaction step for obtaining aromatic hydrocarbon upon making a contact reaction between lower hydrocarbon and a catalyst and a regeneration step for regenerating the catalyst used in the reaction step, carbon dioxide in an amount of 0.33 to 1.6 % by volume relative to an amount of the lower hydrocarbon is added to the
15 lower hydrocarbon, in the reaction step.

Fig. 1