

ABSTRACT
METHOD FOR PRODUCING AROMATIC HYDROCARBON AND
APPARATUS FOR PRODUCING AROMATIC HYDROCARBON
TECHNICAL FIELD

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[Summary]

[Object] To economically regenerate a catalyst and 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 the catalyst.

[Solving Means] A method of producing aromatic hydrocarbon and an apparatus for producing aromatic hydrocarbon by 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. Off-gas which is gas obtained by removing aromatic hydrocarbon produced in the reaction step from discharge gas passing through the reaction step is used as a regeneration gas in the regeneration step.

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Fig. 1