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(54) Title: DEHYDROGENATION PROCESS

(57) Abstract: Disclosed herein is a process for dehydrogenating a hydrocarbon with a dehydrogenation catalyst comprising a step of activating the catalyst precursor in a H<sub>2</sub> containing atmosphere. A particularly advantageous activation process includes heating the catalyst precursor to a temperature in a range from 400°C to 600°C. The process of the present disclosure is particularly advantageous for dehydrogenating cyclohexane to make benzene.



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