PROCESS FOR THE REGENERATION OF ZEOLITIC CATALYSTS

Abstract

The present invention relates to a process for the regeneration of a zeolitic alkylation or transalkylation catalyst, at least partially exhausted, and comprises subjecting said exhausted catalyst to heat treatment with an aromatic hydrocarbon.

In particular, the process of the present invention is useful for regenerating exhausted zeolitic catalysts which derive from preparation processes of monoalkylated aromatic hydrocarbons by the alkylation of an aromatic hydrocarbon substrate with an alkylating agent selected from $C_2$-$C_4$ olefins, isopropanol and mixtures of isopropanol with propylene, or by the transalkylation of an aromatic hydrocarbon substrate with one or more polyalkylaromatic hydrocarbons, said alkylation or transalkylation processes being carried out in at least partially liquid phase and in the presence of a catalyst of zeolitic nature.