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METAL SUPPORTED CATALYSTS FOR NO_x DECOMPOSITION

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Abstract

Three types of metal supported on zeolite catalysts, namely Pd-MCM-41, Fe-ZSM-5 and Pt-MCM-41 were prepared by wet impregnation, ion exchange in aqueous solution (conventional methods) and radiolytic synthesis coupled with wet impregnation (unconventional method). Thus prepared catalysts were successfully tested for NO_x decomposition.

Keywords: Pd-MCM-41, Fe-ZSM-5, Pt-MCM-41, NO_x decomposition

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