A B S T R A C T

METHOD OF PREPARING A CATALYST COMPOSITION FOR ISOMERIZING HYDROCARBONS

A Group VIII metal and chloride-containing composition (effective as an alkane/cycloalkane isomerization catalyst) is prepared by a method which comprises mixing aluminum trichloride with a solid material containing at least one Group VIII metal (Pt and/or Pd and/or Ni) and alumina, heating the obtained mixture in an inert gas at about 450-750°C., and then treating the mixture with a hydrogen chloride-containing gas at about 300-700°C.