

CATALYST COMPOSITION, ITS PREPARATION AND USE

Abstract

A catalyst composition which comprises: a) a carrier which comprises at least 30 wt% of a binder selected from silica, zirconia and titania; at least 20 wt% of a pentasil zeolite, having a bulk silica to alumina ratio in the range of from 20 to 150 and being in its H⁺ form; and less than 10 wt% of other components, all percentages being on the basis of total carrier; b) platinum in an amount in the range of from 0.001 to 0.1 wt%, on the basis of total catalyst; and c) tin in an amount in the range of from 0.01 to 0.5 wt%, on the basis of total catalyst; its preparation and use; are provided.