CATALYST ANDPROCESS FOR PRODUCING UNSATURATED ALDEHYDE AND UNSATURATED ACID

Abstract:

A catalyst for the production of unsaturated aldehyde and unsaturated acid, obtained by loading a catalytically active component on a carrier and calcining the loaded catalyst, characterized by an average particle diameter of the catalyst of 4 to 16 mm, an average particle diameter of the carrier of 3 to 12 mm, a calcining temperature of 500 to 600 ℃ and an amount of the catalytically active component loaded on the carrier of 5 to 80 % by weight [(weight of the catalytically active component)/(weight of the catalytically active component + weight of the carrier + weight of a strength improver)], and a process for producing unsaturated aldehyde and unsaturated acid with the catalyst.