

Abstract

The invention relates to a process for hydroformylating short-chain olefins, especially C2 to C8 olefins, in which the catalyst system, which comprises a metal from group 8 or group 9 of the periodic table of the elements, at least one organic phosphorus-containing ligand and a stabilizer, is present in a

- 5 heterogenized form on a support composed of a porous ceramic material, the support consisting of a bed of shaped SiC bodies in which the proportion of pores having a pore diameter in the range between 10 nm to 1000 nm, based on the total amount of pores in the shaped SiC bodies, is 20 to 70%, preferably 25 to 50%.

10 [No figure]