

The invention relates to the field of nanotechnology. A method for producing nickel-carbon nanocomposite consists in thermal decomposition of nickel fulvate, which is obtained by reaction of nickel cations (II) with synthetic fulvic acid in alkaline environment. The invention provides preparation of nickel nanoparticles of given size in a matrix of amorphous carbon. Nanocomposites can be used as catalysts in many chemical processes, as modifiers, building materials, epoxy compounds, adhesive compositions, polyvinyl acetate and polyvinyl chloride films, organic glass and the like.