

METHOD FOR FORMING A CATALYST COMPRISING CATALYTIC NANOPARTICLES AND A CATALYST SUPPORT

Abstract

The present invention relates to a method for forming a catalyst comprising catalytic nanoparticles and a catalyst support, wherein the catalytic nanoparticles are embedded in the catalyst support, comprising forming the catalytic nanoparticles on carbon particle, dispersing the carbon particle in a solution comprising precursors of the catalyst support to form a suspension, heating the suspension to form a gel, subjecting the gel to incineration to form a powder, and sintering the powder to form the catalyst.

FIGURE 1