

Title (en)
PREPARATION OF METAL/METAL OXIDE SUPPORTED CATALYSTS BY REACTING ORGANOMETALLIC AND/OR INORGANIC PRECURSORS AND REDUCTANTS CONTAINING METAL IN THE NANOPORES OF THE SUPPORT

Title (de)
PRÄPARATION VON METALL/METALLOXID-TRÄGERKATALYSATOREN DURCH REAKTION IN DEN NANOPOREN DES TRÄGERS ZWISCHEN METALLORGANISCHER UND/ODER ANORGANISCHER PRÄKURSOREN UND METALLHALTIGER REDUKTIONSMITTEL

Title (fr)
PREPARATION DE CATALYSEURS SUPPORTES A BASE DE METAL/OXYDE METALLIQUE PAR REACTION ENTRE PRECURSEURS ORGANOMETALLIQUES ET/OU INORGANIQUES ET AGENTS DE REDUCTION METALLIQUES AU SEIN DES NANOPORES DU SUPPORT

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Abstract (en)
[origin: WO2005087374A1] The invention relates to a catalyst containing a porous support, which has cavities that open onto at least one face. Said openings have a diameter of approximately 0.7 to 20 nm, at least in one extension direction. The support has a specific surface area of at least 500 m²/g and is also charged with a content of at least one catalytically active metal component amounting to at least 2.5 m² per gram of catalyst. The invention also relates to a method for producing a catalyst of this type and to the use of the latter in methanol synthesis or as a reformer in fuel-cell technology.

IPC 8 full level
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