

Title (en)

METHOD FOR IMPROVING THE CATALYTIC ACTIVITY OF MONOLITHIC CATALYSTS

Title (de)

HYDRIERKATALYSATOREN, DEREN HERSTELLUNG UND VERWENDUNG

Title (fr)

PROCÉDÉ POUR AMÉLIORER L'ACTIVITÉ CATALYTIQUE DE CATALYSEURS MONOLITHIQUES

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Application

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Abstract (en)

[origin: WO2010089266A2] The invention relates to a method for improving the catalytic properties of a catalyst that exists in the form of a structured monolith and comprises one or more elements selected from the group comprising cobalt, nickel and copper, wherein the catalyst is brought into contact with one or more base compounds selected from the group of alkali, earth alkali and rare earth metals. The invention further relates to a method for hydrogenating compounds comprising at least one unsaturated carbon-carbon, carbon-nitrogen or carbon-oxygen compound, in the presence of a catalyst comprising one or more elements selected from the group comprising cobalt, nickel and copper, wherein the catalyst exists in the form of a structured monolith, characterized in that the catalyst is brought into contact with one or more base compounds selected from the group of alkali, earth alkali and rare earth metals. In addition, the invention relates to the use of a base compound selected from the group of alkali, earth alkali and rare earth metals for improving the catalytic properties of a catalyst, comprising copper and/or cobalt and/or nickel, wherein the catalyst exists in the form of a structured monolith.

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