

Title (en)

CATALYST USED FOR THE OXIDATION OF HYDROGEN, AND METHOD FOR THE DEHYDROGENATION OF HYDROCARBONS

Title (de)

KATALYSATOR FÜR DIE OXIDATION VON WASSERSTOFF, SOWIE VERFAHREN ZUR DEHYDRIERUNG VON KOHLENWASSERSTOFFEN

Title (fr)

CATALYSEUR DESTINE A L'OXYDATION D'HYDROGENE ET PROCEDE DE DESHYDROGENATION D'HYDROCARBURES

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Application

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Abstract (en)

[origin: WO2005097715A1] The invention relates to a catalyst for the oxidation of hydrogen in a hydrocarbon dehydrogenation process. Said catalyst is carried on a-aluminum oxide and contains 0.01 to 0.1 percent by weight of platinum and 0.01 to 0.1 percent by weight of pewter relative to the total weight of the catalyst. Also disclosed are a method for oxygenating hydrogen and a method for dehydrogenating hydrocarbons with an integrated oxidation process using said catalyst.

IPC 8 full level

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