

Title (en)
CATALYST FOR THE DEHYDROGENATION OR HYDROGENATION OF HYDROCARBONS CONTAINING SECONDARY CATALYST MATERIAL

Title (de)
KATALYSATOR ZUR DEHYDRIERUNG ODER HYDRIERUNG VON KOHLENWASSERSTOFFEN ENTHALTEND SEKUNDÄRES KATALYSATORMATERIAL

Title (fr)
CATALYSEUR POUR DESHYDRATER OU HYDRATER DES HYDROCARBURES CONTENANT UNE SUBSTANCE CATALYTIQUE SECONDAIRE

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Application
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Abstract (en)
[origin: WO2007009927A1] The invention relates to a catalyst for the dehydrogenation or hydrogenation of hydrocarbons containing between 10 and 70 wt. % milled, secondary catalyst material of a used (de)hydrogenation catalyst that contains iron oxide and between 30 and 90 wt. % of the corresponding fresh catalyst material containing iron oxide, said iron oxide of the fresh catalyst material being predominantly in the form of hematite or potassium ferrite. The invention also relates to a method for producing the catalyst and to a method for dehydrogenating or hydrogenating hydrocarbons using the catalyst provided by the invention.

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Citation (search report)
See references of WO 2007009927A1

Citation (examination)
• US 5242483 A 19930907 - RAMIREZ DE AGUDELO MARIA M [VE], et al
• WO 2005105305 A1 20051110 - SHELL OIL CO [US], et al

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