

Title (en)
CATALYST AND ITS USE FOR DEHYDROGENATING PARAFFINIC/NAPHTENIC HYDROCARBONS

Title (de)
KATALYSATOR UND SEINE VERWENDUNG ZUR DEHYDRIERUNG VON PARAFFINISCHEN/NAPHTHENISCHEN KOHLENWASSERSTOFFEN

Title (fr)
CATALYSEUR ET SON UTILISATION POUR LA DESHYDROGENATION D'HYDROCARBURES PARAFFINIQUES/NAPHTENIQUES

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Application
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Abstract (en)
[origin: DE19616738A1] This invention concerns a catalyst, particularly for producing aromatic compounds with 6 to 8 atoms from non-aromatic hydrocarbons with straight-chained, branched and/or cyclic alkyl or alkylene chains, respectively, with 6 to 8 carbon atoms containing essentially at least one oxide of a transition metal of the IVB group of the periodic system and, optionally, one alkaline metal or alkaline earth metal compound and/or a compound of the third main or secondary group of the periodic system and/or a rare earth metal zinc compound or a mixture thereof, with the condition that the compounds change into the corresponding oxides upon calcination.

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