

Title (en)

CATALYTICALLY ACTIVE COMPOSITION AND THE USE THEREOF IN DEHYDRATION METHODS

Title (de)

KATALYTISCH AKTIVE ZUSAMMENSETZUNG UND IHRE VERWENDUNG IN DEHYDRIERVERFAHREN

Title (fr)

COMPOSITION A ACTIVITE CATALYTIQUE ET SON UTILISATION DANS DES PROCEDES DE DESHYDROGENATION

Publication

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Application

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Abstract (en)

[origin: WO2005073157A2] The invention relates to a catalytically active composition containing Pd and Bi as active constituents, and at least one element selected from the group (a) consisting of Rh, Au, Sb, V, Cr, W, Mn, Fe, Co, Ni, Na, Cs and Ba; or Pd, Rh and Bi, and optionally an element selected from the group (a') consisting of Au, Sb, V, Cr, W, Mn, Fe, Co, Ni, Pt, Cu, Ag, Na, Cs, Mg, Ca and Ba. The invention also relates to a method for dehydrating hydrocarbons, preferably oxofunctionalised hydrocarbons such as cyclopentanone, cyclohexanone and isovaleraldehyde, by means of the catalytically active composition.

IPC 8 full level

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