

Title (en)
HOMOGENEOUS CATALYTIC BED AND METHOD FOR TRANSFORMING HYDROCARBONS INTO AROMATIC COMPOUNDS WITH SAID BED

Title (de)
HOMOGENES KATALYSATORBETT UND VERFAHREN ZUR UMWANDLUNG VON KOHLENWASSERSTOFFEN IN AROMATISCHE VERBINDUNGEN MIT DIESES BETT

Title (fr)
LIT HOMOGENE DE CATALYSEUR ET PROCEDE DE TRANSFORMATION D'HYDROCARBURES EN COMPOSES AROMATIQUE AVEC LEDIT LIT

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Application
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Priority

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- FR 9713689 A 19971031

Abstract (en)
[origin: FR2770420A1] The invention concerns a homogeneous catalytic particle bed, said catalyst comprising at least an amorphous matrix, at least a noble metal, at least an additional metal M and at least a halogen, and in which, for one catalyst particle: Cpt is the local concentration in noble metal; CM is the local concentration in additional metal M; Cx is the local concentration in halogen; catalyst particle bed, wherein the local dispersion of the value Cpt/CM or Cpt/Cx is said to be homogeneous along a particle diameter, which means that at least 70 % of the values Cpt/CM or Cpt/Cx varies at most by 30 % from the mean local ratio. The invention also concerns a method for transforming hydrocarbons into aromatic compounds with said catalyst such as a method for reforming petroleum products and the method for producing aromatics.

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