

Title (en)

SUPPORTED CATALYST SYSTEM FOR REMOVING SULFUR COMPOUNDS FROM GASES

Title (de)

GETRÄGERTES KATALYSATORSYSTEM ZUR ENTFERNUNG VON SCHWEFELVERBINDUNGEN AUS GASEN

Title (fr)

SYSTEME DE CATALYSEUR SUPPORTE POUR L'ELIMINATION DE COMPOSES SOUFRES DE GAZ

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Application

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Abstract (en)

[origin: EP1447124A1] The present invention relates to a supported catalyst system for the removal of sulfur compounds, such as H₂S comprising a metal compound on a support material, wherein in said support material, the sum of the pore volume present in micro-pores and in mesopores is less than 0.20 ml per gram of catalyst, and wherein the pore volume V-Hg, as measured by mercury intrusion porosimetry, is at least 0.30 ml/g. <??>The invention further relates to processes for desulfurization of gases containing sulfur compounds, such as H₂S in which this catalyst system is used.

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