

REFERENCES

- Adams Clark E., Kimberlin Charles N.Jr. " Two-stage desulfurization of hydrocarbon oil utilizing hydrogen in the second stage reaction ", Abstr. Chemical, American Chemical Society, vol.75, no.65920t, 1971.
- Bruce C. Gate, James R. Katzer, and G. C. A. Schuit. Chemistry Catalytic Processes. New york: McGraw-Hill Book Co., 1979.
- Dejarn U. Skala, Marko D. Saban, Jovan A. Jovanovic, Volker W. Meyn and Iradi G.-H. Rahimian. A Pilot Plant Designed for the Process Study of Hydrodenitrogenation and Hydrogen Consumtum. Ind. Eng. Chem. Res. 27(1988) : 1186-1193.
- Hatano Takanori, Okagami Akio, Matsuoka Seiichi. " Catalytic hydrodesulfurization of petroleum oils in the presence of an absorbent ", Abstr. Chemical, American Chemical Society, vol.81, no.52142, 1974.
- Harman Hallie. Experience revals best presulfiding techniques for HDS and HDN catalysts. Oil & Gas journal Technology 80(December, 1982): 69-74.
- Igance A. Van Parijs and gilbert F. Froment. Kinetics of Hydrodesulfurization on a CoMo/ Al₂O₃ Catalyst. 1. Kinetics of the hydrogenolysis of Thiophene. Ind. Eng. Chem. Prod. Res. Dev. 25(1986) : 431-436
- Jorge Laine, Kerry C. Pratt, and David L. Trimm. The Effect of Composition and pretreatment on the Actvity of Nickel-Molybdenum Based Hydrodesulfurization Catalysts. Ind. Eng. Chem. Prod. Res. Dev. 18(1979) : 329-332

- J. Scott Jepsen and Howard F. Rase. Effect of Sulfiding Temperature on Dispersion and Chemical States of the Components of Co-Mo and Ni-Mo. Ind. Eng. Chem. Prod. Res. Dev. 20(1981) : 467-474.
- L. Charles Gutberlet and Ralph J. Bertolacini. Inhibition of Hydrodesulfurization by Nitrogen Compounds. Ind. Eng. Chem. Prod. Res. Dev. 22(1983) : 246-250.
- Lawrence B. Van Ingen. " Stabilizing and desulfurizing kerosine ", Abstr. Chemical, American Chemical Society, vol. 57, no.2656b, 1962.
- L. N. Osipov, E .S. Semenova and S.P. Rogov." Determination of the hydrodesulfurization activity of alumina cobalt oxide - molybdena catalyst in hydrodesulfurization", Abstr. Chemical, American Chemical Society, vol.59, no.12568g, 1963.
- National Aluminate Corp. " Alumina catalyst ", Abstr. Chemical American Chemical Society , vol 54, no 4969a, 1960.
- Robert F. Vance and John F. Strotman. " Extruded cobalt- molybdenum- alumina catalyst", Abstr. Chemical, American Chemical Society, vol. 59, no.12582d, 1963.
- Roy P. Northcott, and Ernest C. Housam. "Catalytic desulfurization of petroleum hydrocarbons ", Abstr. Chemical, American Chemical Society , vol. 54, no. 878h, 1960.
- Shell International Research Maatschappij. " Desulfurization of hydrocarbon materials ", Abstr. Chemical, American Chemical Society, vol.60, no.11827b, 1964.
- Simpson Howard D. " Desulfurization process and catalyst ", Abstr. Chemical, American Chemical Society, vol.89, no.184065s, 1978.

Mcketta, J.J., Cunningham, W.A. Desulfurization, Liquids, Petroleum Fractions. Encyclopedia of Chemical Processing and Design 15(1988) : 216-246



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