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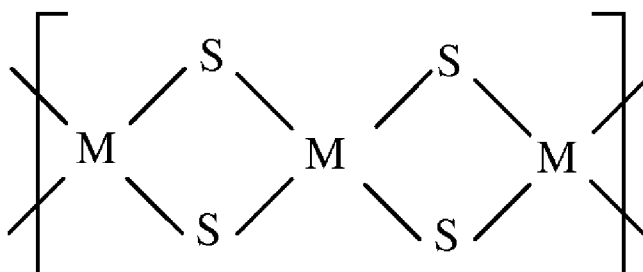
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(54) Title: PROCESS FOR CRACKING A HYDROCARBON-CONTAINING FEED



(I)

(57) Abstract: A process for treating a hydrocarbon-containing feed is provided in which a hydrocarbon-containing feed comprising at least 20 wt.% of heavy hydrocarbons is mixed with hydrogen and a catalyst to produce a hydrocarbon-containing product. The catalyst is comprised of a material comprised of a first metal and a second metal, where the first metal is selected from the group consisting of Cu, Fe, Bi, Ag, Mn, Zn, Sn, Ru, La, Pr, Sm, Eu, Yb, Lu, Dy, Pb, and Sb and the second metal is Mo, W, V, Sn, and Sb. The material of the catalyst may have a structure according to formula (I): where M is either the first metal or the second metal, and at least one M is the first metal and at least one M is the second metal.

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