

Title (en)
Coal liquefaction process.

Title (de)
Kohlenflüssigungsverfahren.

Title (fr)
Procédé de liquéfaction de charbons.

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Application
EP 92308168 A 19920909

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Abstract (en)
The present invention relates to a catalytic process for converting coal to normally liquid and gaseous products, preferably liquid products. The catalysts are unsupported catalyst comprised of highly dispersed molybdenum sulfide, and a noble metal in an oxidation state greater than zero, preferably greater than one, and coordinated primarily to sulfur. Additionally, the catalysts may include a promoter metal sulfide, such as nickel sulfide, cobalt sulfide, iron sulfide, or a mixture thereof. It is critical that the sulfides of the various metals be intimately mixed and highly dispersed. This invention also relates to a method of preparing such catalysts from certain noble metals, molybdenum, and promoter metal complexes.

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C10G 1/086 (2013.01)

Citation (search report)
• [A] US 1845439 A 19320216 - MATHIAS PIER, et al
• [A] FR 728913 A 19320713 - IG FARBENINDUSTRIE AG
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