

Methanol Synthesis Technology By Sunggyu Lee



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This easy-to-read work is a comprehensive review which focuses primarily on catalytic methanol synthesis. It includes a historic summary of the development of methanol synthesis technology, as well as extensive discussions on statistical experimental design, fabrication and operation of laboratory scale systems. This unique volume also discusses various new catalysts and processes, with ...

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Our research group has been the only academic participant of the technology pool of DOE/EPRI for the development of the liquid phase methanol synthesis process (LPMeOH™). Research funding for this project was received from 1982 through 1993 from the Electric Power Research Institute (EPRI). We developed major patents involving catalyst regeneration, post-treatment, and subsequent conversion...

Methanol Synthesis - Sunggyu Lee, PhD

S. Lee, Author, Methanol Synthesis Technology, CRC Press, Boca Raton, FL, ISBN-0-8493-4610-X, 1990. S. Lee, Author, Oil Shale Technology, CRC Press, Boca Raton, FL ...

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Following the start of large scale ammonia production in Germany during 1913, the pace of research picked up and in 1921 Georges Patart patented the basis of a high pressure catalytic process that used a variety of materials including copper (along with nickel, silver or iron) for methanol synthesis .

Catalytic methanol industry production | Last 100 years ...

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