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2013-52/51 **Leaching - Sintering** Stabilized Nanoparticles **ALD ARMORING**

Deactivation ...

... of heterogeneous catalysts is an important issue in liquid-phase catalytic processes and for the utilization of base metal catalysts, such as copper. In their Communication on page 13808 ff., J. A. Dumesic et al. show that atomic layer deposition can be used to build a protective coating around metallic nanoparticles, thereby preventing irreversible catalyst deactivation during liquid-phase catalytic processing.



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