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A SAMPLER



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ABSTRACT

The present invention relates to a sampler (10) for retrieving samples of catalyst from a reactor excluding a tubular reactor, having catalyst beds on different levels throughout the reactor while the reactor is offline, a method of retrieving samples of catalyst from a reactor, excluding a tubular reactor while the reactor is offline, wherein the reactor having catalyst beds on different levels throughout the reactor wherein top grids and inert balls are located on the beds, by the sampler (10) and to a method of retrieving samples of catalyst from a reactor, excluding a tubular reactor, which reactor having catalyst beds on different levels throughout the reactor but not having top grids or inert balls on the beds by the sampler (10).

The Most Illustrative Drawings: FIGS. 1 and 2.