

ABSTRACT

METHODS AND SYSTEMS FOR HIGH THROUGHPUT ANALYSIS

Methods of analyzing processes for making catalysts and/or certain properties of
5 catalysts using a plurality of reaction zones are provided. The methods of the present
invention have the capability to define and execute, in rapid succession, a plurality of
experiments under disparate reaction conditions. An operator may define and execute a
plurality of experiments on user-defined quantities of disparate catalysts, using user-defined
input feeds, residence times, and temperature profiles.

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