REACTOR FILLED WITH SOLID PARTICLE AND GAS-PHASE CATALYTIC OXIDATION WITH THE REACTOR

ABSTRACT OF THE DISCLOSURE

A shell-and tube reactor including at least one reaction tube with a measuring means, substantially same solid particles being filled in the reaction tubes with or without the measuring means, a length of the filled solid particle layer, and a pressure drop thereof while passing a gas through the reaction tube, per each reaction tube, being substantially the same, respectively. By measuring the temperature of the catalyst particle layer, such a temperature as a representative can be gasped.

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