

ABSTRACT OF THE DISCLOSURE

METHOD FOR PACKING CATALYST

5 An object of the present invention is to provide a method for packing a catalyst used mainly in a fixed-bed multi-tubular reactor, that can shorten the labor time required to supply a catalyst to reaction tubes and reduce the worker's labor, and also can suppress the variation in
10 pressure loss in catalyst layers.

 Disclosed is a method for packing a solid catalyst into a reaction tube from the upper side of the reaction tube, which includes: disposing, in the reaction tube, a diffuse-reflective type photoelectric sensor in which a
15 white drawing paper is used as a standard detection object, and a detection distance as a maximum distance that enables detection of the standard detection object is within a range from 90 to 1,000 mm; and detecting a packing height of the catalyst by the photoelectric sensor, and stopping
20 the packing of the catalyst when the packing height of the catalyst reaches a predetermined value.

Figure 1