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(54) Title: PROCESS FOR INTRODUCING A SOLID CATALYST INTO A FLUIDISED OR AGITATED VESSEL

(57) Abstract

The present invention relates to a process for introducing a solid catalyst particle feed into a fluidised or agitated vessel (14) utilising a feed delivery device (1), a vertical feed dilution pipe (3) and a feed injection pipe (6) connected to the vessel (14), said process comprising the steps of: (a) introducing the solid catalyst particles feed from the feed delivery device (1) into the vertical feed dilution pipe (3), (b) diluting the solid catalyst particles feed by letting the solid particle reaching by gravity their terminal velocity in the feed dilution pipe (3), (c) introducing the diluted solid catalyst particles feed into the injection pipe (6) and mixing it with conveying gas, and introducing said gas conveyed diluted solid catalyst particles feed into the vessel (14). The present invention relates to a process for introducing a solid catalyst particle feed into a fluidised or agitated vessel (14) utilising a feed delivery device (1), a vertical feed dilution pipe (3) and a feed injection pipe (6) connected to the vessel (14), said process comprising the steps of: (a) introducing the solid catalyst particles feed from the feed delivery device (1) into the vertical feed dilution pipe (3), (b) diluting the solid catalyst feed by letting the solid particle reaching by gravity their terminal velocity in the feed dilution pipe (3), (c) introducing the diluted solid catalyst particles feed into the injection pipe (6) and mixing it with a conveying gas, and introducing said gas conveyed diluted solid catalyst particles feed into the vessel (14).

