

ABSTRACT

PROCESS FOR PRODUCING OLEFINIC POLYMER

The process for producing an olefinic polymer comprises introducing a saturated aliphatic hydrocarbon in a liquid phase state and in a vapor phase state into the aforementioned
5 fluidized-bed and (co)polymerizing in the condition that when the inside radius of the cylinder section of the fluidized-bed reactor is defined as a distance of 1, the relationship between the concentration (C_1) of the saturated aliphatic hydrocarbon put in a liquid state in the peripheral portion of the cylinder
10 section at a relative distance of 0.7 to 1.0 from the center of the cylinder section as a start point and the concentration (C_2) of the saturated aliphatic hydrocarbon put in a liquid state in the center portion of the cylinder section at a relative distance less than 0.7 from the center fulfills the following
15 equation: $C_1 > C_2$ at a place close to the upstream section of said gas distributing plate.

(FIG. 1)



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