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(54) Title: PROCESS FOR PRODUCING POLYETHYLENE POLYMERS

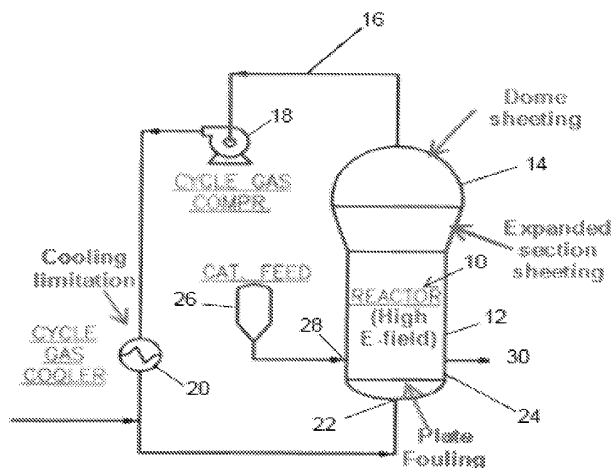


FIG. 1

(57) Abstract: A process for producing polyethylene polymers including contacting ethylene and at least one C₃ to C₈ alpha-olefin comonomer with a polymerization catalyst on a particulate support in a fluidized bed polymerization reactor under conditions effective to polymerize at least part of the ethylene and comonomer and produce the polyethylene polymers, wherein the support has a d₁₀ particle size as measured by laser diffraction of at least 18 microns, is provided.

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