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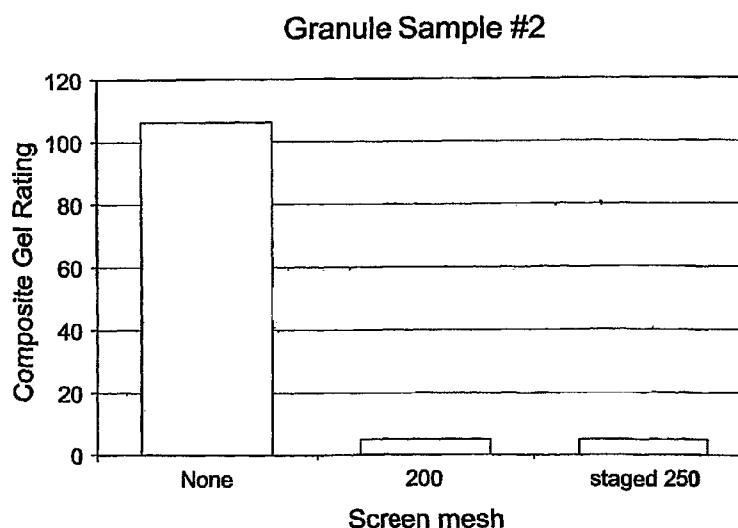
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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

[Continued on next page]

(54) Title: METHOD OF REDUCING GELS IN POLYOLEFINS



(57) Abstract: A process of producing a polyolefin, in one embodiment a polyethylene, and in a preferred embodiment a bimodal polyethylene including a high molecular weight component and a low molecular weight component, the process including providing a polyolefin having an I_{21} value of from 2 g/10 min to 100 g/10 min and a density of from 0.91 g/cm³ to 0.97 g/cm³; followed by forming a melt of the polyolefin and passing the polyolefin through one or more active screen filter(s) having a mesh size of from 70 micron to 200 micron at a mass flux of from 5 lb/hr/square inch (3,500 kg/hr/m²) to 100 lb/hr/square inch (70,000 kg/hr/m²); and isolating the polyolefin having passed through the screen filter.

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