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(54) Title: BASE STOCKS AND LUBRICANT BLENDS CONTAINING POLY-ALPHA OLEFINS

VI of POB vs. PIB blends for different blend viscosities at 100 °C

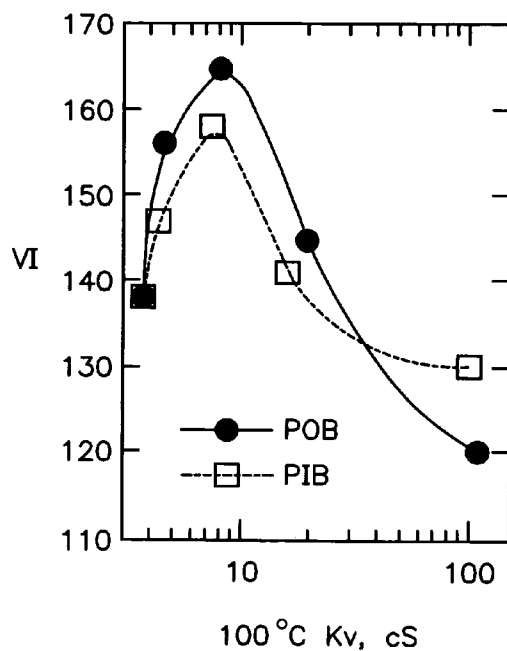


FIG. 1

(57) Abstract: This disclosure relates to substantially atactic polymers of at least one of propylene, 1-butene or 1-pentene, processes for making such polymers and compositions including the polymers. The polymers may be used as lubricants or may be combined with low viscosity base stocks to form lubricants. The polymers may be made in the presence of a metallocene catalyst with a non-coordinating anion activator and optionally with hydrogen.



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