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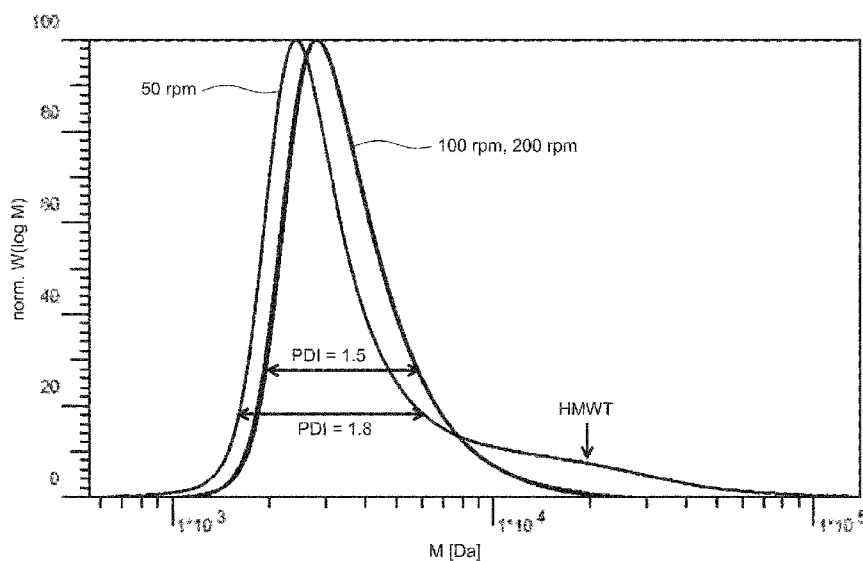


FIG. 1

(57) Abstract: A process for the preparation of polyethercarbonate polyols comprises the reaction of a reaction mixture comprising one or more H-functional starter compounds, one or more alkylene oxides, carbon dioxide and a double metal cyanide (DMC) catalyst. The reaction is conducted in a reactor under stirring with a specific power input into the reaction mixture, expressed as Watts per liter (W/L), of ≥ 0.07 to ≤ 5.00 .