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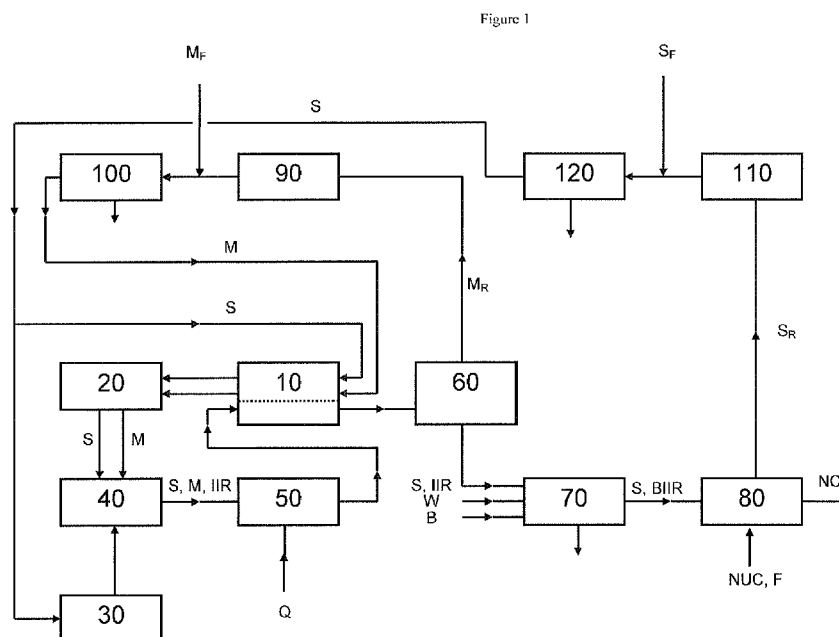
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- (54) Title:** PROCESS FOR PRODUCTION OF POLYMER NANOCOMPOSITES



- (57) Abstract:** The invention relates to a processes for preparing nanocomposites comprising rubber ionomers which were prepared by an energy efficient, environmentally favourable process that uses a common medium for solution polymerization, bromination of rubber and optionally subsequent polymer nanocomposite formation. Polymer nanocomposites according to the present invention exhibit high oxygen impermeability.



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