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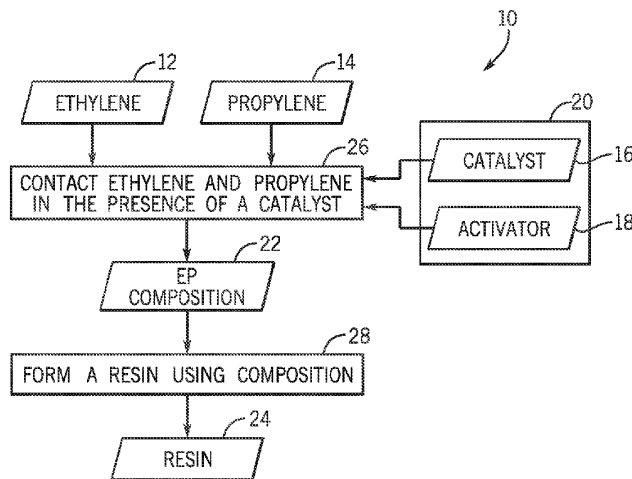


FIG. 1

(57) Abstract: A propylene-based copolymer produced from a mixture of ethylene monomers and propylene monomers is provided. The propylene-based copolymer includes a flexural modulus between approximately 400 MPa and approximately 1100 MPa and a molecular weight of about 200,000 g/mol to 800,000 g/mol. A r_1r_2 reactivity ratio of the propylene-based copolymer is greater than or equal to 2.0, and the propylene-based copolymer includes an ethylene content greater than approximately 2.5 weight percent (wt.%).

[Continued on next page]

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