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— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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(54) Title: POLYMER BLENDS INCLUDING RECYCLED ETHYLENE-BASED POLYMERS

(57) Abstract: This disclosure is directed to a polymer blend comprising virgin multimodal ethylene-based copolymer, and a recycled ethylene-based polymer comprising post consumer recycled (PCR) ethylene-based polymer, post-industrial recycled (PIR) or combinations of PCR and PIR. The virgin multimodal ethylene-based copolymer is the polymerized reaction product of ethylene and one or more C_3-C_{14} olefinic comonomers, wherein the virgin multimodal ethylene-based copolymer comprises: a melt index (I_2) of from 0.5 to 10.0 g/10 min, a melt strength (MS) $\geq 3.9/I_2 + 1.4$ cN; and a light scattering cumulative detector fraction (CDF_{LS}) from 8% to 50%, wherein the CDF_{LS} is computed by measuring the area fraction of a low angle light scattering (LALLS) detector chromatogram greater than 500,000 g/mol using Gel Permeation Chromatography (GPC);