

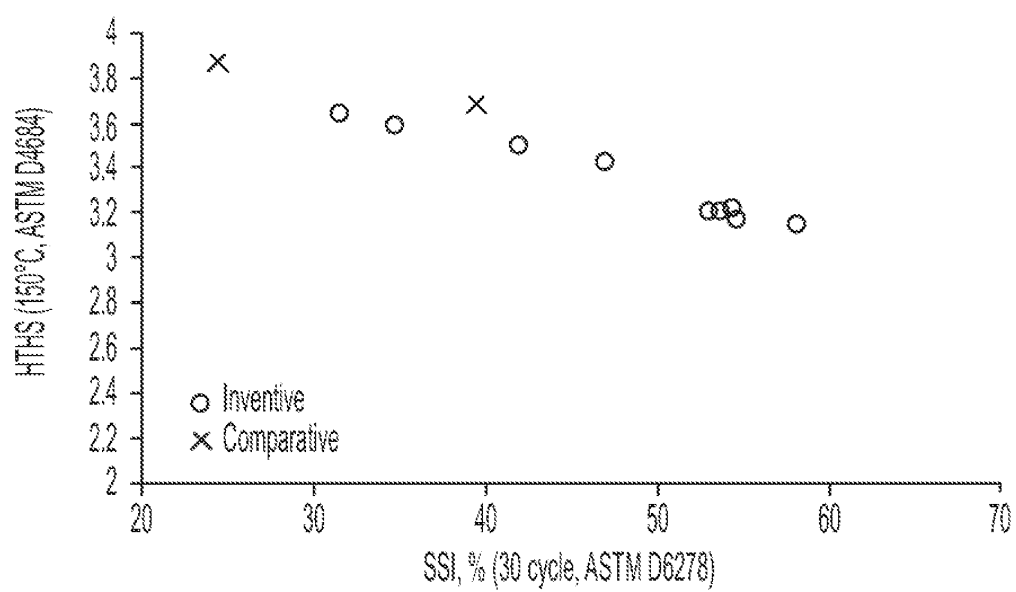


FIG. 1 SSI vs. HTHS for commercial linear reference samples (OCPs) and inventive polymers

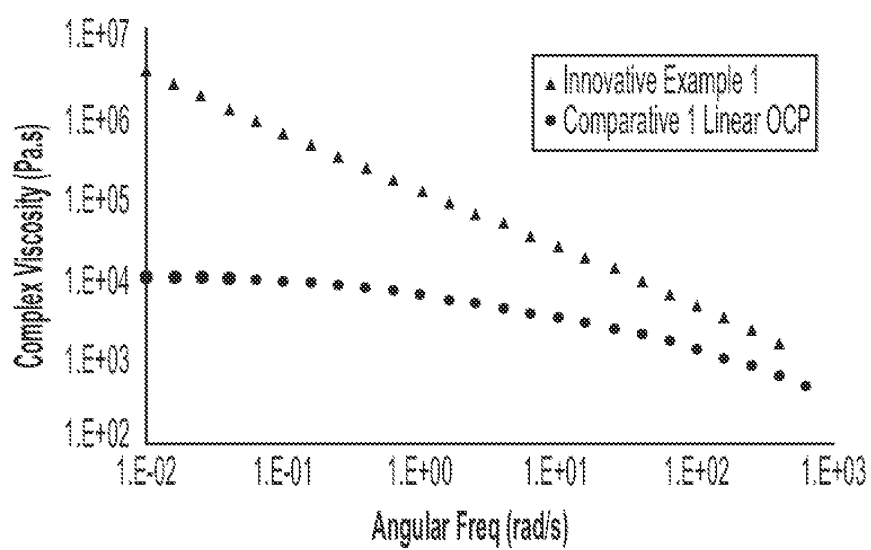


FIG. 2 Dynamic frequency sweep on neat polymers at 190°C for commercial linear OCP vs. inventive branch-on-branch EP, respectively.

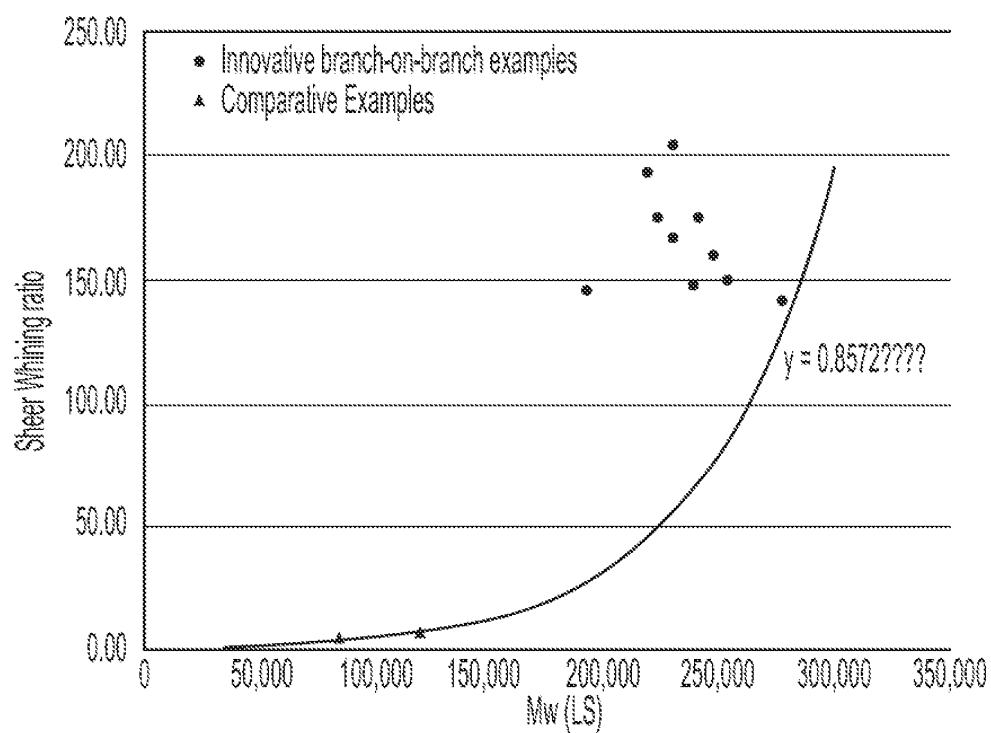


FIG. 3 Plot of polymer Mw (LS) vs, the shear thinning ratio where the shear thinning ratio is defined as the complex viscosity at a frequency of 0.1 rad/s divided the complex viscosity at a frequency of 1200 rad/s

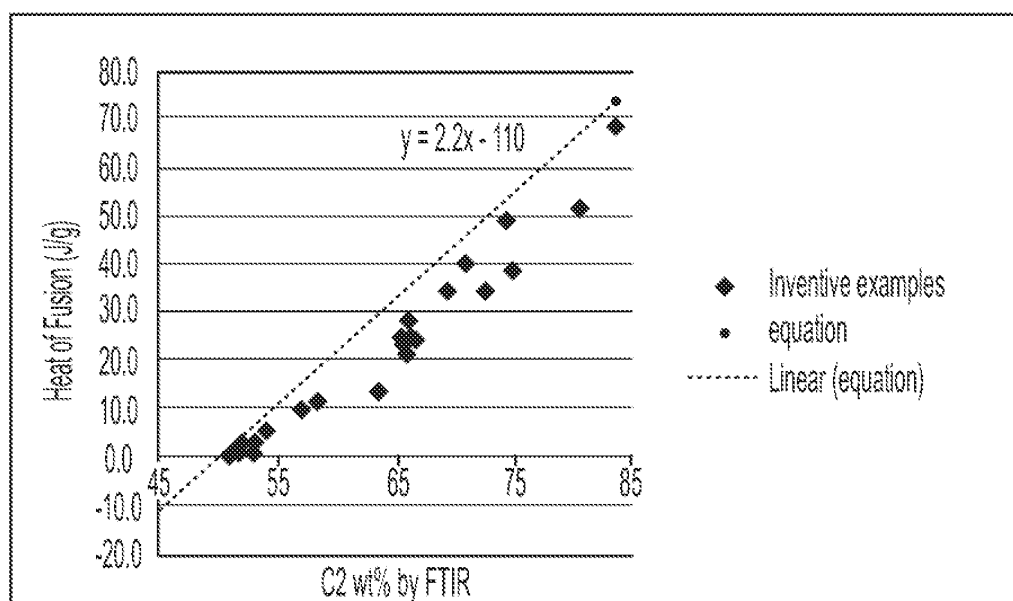


FIG. 4 Plot of ethylene (wt%) from FTIR vs. the Heat of Fusion (J/g) of the copolymer melting peak as measured by DSC