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(54) Title: PERFLUOROALKYL AND POLYFLUOROALKYL SUBSTANCE-FREE POLYMER PROCESSING AIDS

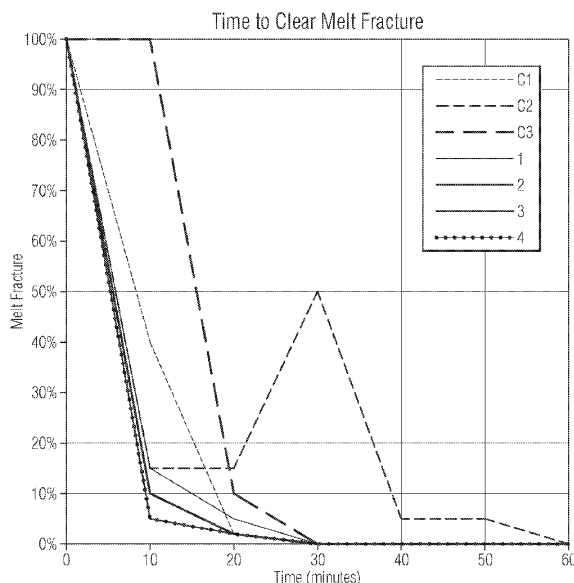


FIG. 1

(57) Abstract: Metal soap-based polymer processing aids have been shown to give better performance than traditional fluoropolymer processing aids in blown film applications. The use of specifically designed overbased metal soap blends allowed for improved time to clear and better aesthetics than traditional fluoropolymers. The addition of other functional additives to the metal soap allowed for better-than-expected performance in difficult to process metallocene LLDPE.

[Continued on next page]

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