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## (54) Title: SUPERIOR SEALING PERFORMANCE POLYETHYLENE FILMS

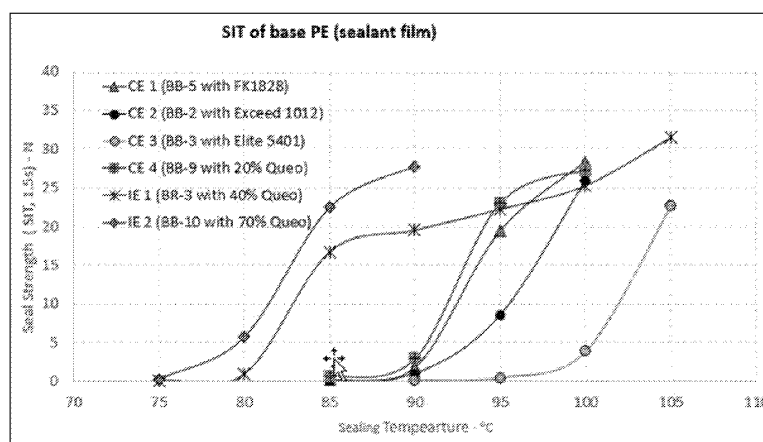


Fig. 1

(57) Abstract: The invention relates to a polyethylene sealant film comprising an outer layer O, a core layer C and an inner layer I, wherein the inner layer I is made of an inner layer composition comprising a component AI, which is a linear low density ethylene polymer having a density of from 910 to 925 kg/m<sup>3</sup> and an MFR<sub>2</sub> of from 0.5 to 2.0 g/10 min, determined according to ISO 1133, a component BI, which is an ethylene-based plastomer, preferably is a copolymer of ethylene and a C3 to C10 alpha-olefin, preferably 1-octene, and which has an MFR<sub>2</sub> of from 0.5 to 2.0 g/10 min, determined according to ISO 1133, and a density of from 880 to 912 kg/m<sup>3</sup>, in an amount of 30 to 80 wt. %, based on the total weight of the inner layer composition, and a slip agent. The invention further relates to a laminated polyethylene film and article comprising this polyethylene sealant film. The invention further relates to the use of the laminated polyethylene film and/or the polyethylene sealant film for packaging of an article; and the use of the respective composition in a sealant film.

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