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(54) Title: HEAT SHRINKING POLYESTER FILM

(57) Abstract: The present invention discloses a method for preparation of a heat shrinking polyester film. The method includes obtaining a polyester film made from a modified composition of a polyester. The composition of polyester include one or more polyester selected from but not limited to group consisting of terephthalic acid (PET), naphthalenedicarboxylic acid (PEN), 1,4-cyclohexane-dicarboxylic acid, Polybutylene terephthalate (PBT), Polytrimethylene terephthalate (PTT) and isophthalic acid. The composition further includes an amount of Maleic anhydride as a cross linking agent, and optionally an amount of glycol. The method further includes thermally stretching the obtained polyester film in a stretching direction under a predetermined direction under a predetermined reduced temperature. Thereafter, the polyester film is cooled thereby locking the shrink properties within the polyester film.

