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(54) Title: WAX COATING COMPOSITION FOR CELLULOSIC SURFACES

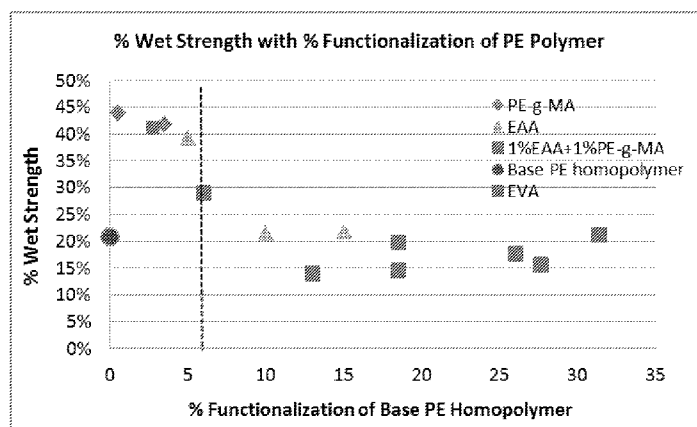


FIG. 1

(57) Abstract: Wax compositions are provided with improved properties for various applications, such as coating of corrugated cardboard or other cellulosic paper materials. In addition to wax, the compositions include a polymer with a hydrophobic backbone that is "functionalized" to incorporate a limited percentage of hydrophilic and/or polar groups. The compositions can optionally also include inorganic nanoparticles such as clay particles.

