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(54) Title: PRINTING PROCESS FOR PATTERNED WRAPPER PAPER

(57) Abstract: A process for making patterned wrapper paper applies an aqueous solution of oxidized starch material to a base web of paper. The aqueous starch solution has a surface tension of at least about 65 dynes/centimeter, a pH in the range of about 6 to about 6.5, a room temperature viscosity no greater than about 50 centipoises, and is prepared from particles sized in the range of about 4 to about 40 microns when dry and about 90% of which are sized in the range of about 10 to about 100 microns when wet. The starch particles are capable of forming a solution with about 20% to about 24% oxidized starch content. Any suitable printing technique can be used to apply the aqueous solution. The pattern of the wrapper may comprise bands, stripes, two-dimensional arrays, and the like. Moreover, the pattern can be applied in one or more layers. The invention includes a cigarette having the wrapper.



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