

Title (en)
TREATMENT OF CIGARETTE PAPER.

Title (de)
BEHANDLUNG VON ZIGARETTENPAPIER.

Title (fr)
TRAITEMENT DU PAPIER A CIGARETTE.

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Application
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Abstract (en)
[origin: WO8102243A1] The object of the invention is to treat cigarette paper so as to improve fire safety, reduce offensiveness of the cigarette to the non-smoker, and for reducing the health hazard to the non-smoker. Cigarette paper is treated by one or the other of two alternative processes, The first alternative process is characterized by the step of coating between 40 and 100% of the surface area of the paper with an aqueous alkali metal silicate solution, the SiO₂ concentration of which range from between 12 and 16% for 40% coverage to between 7 and 15% for full coverage. The second alternative process is characterized by two sequential uniform coatings of an aqueous alkali metal silicate solution, the SiO₂ concentrations in each solution ranging from 1.7% to 6%.

Abstract (fr)
Le but est de traiter le papier a cigarette pour ameliorer la securite contre le feu, attenuer les desagrements de la cigarette a l'egard du non-fumeur et reduire les dangers que presente la cigarette pour la sante du non-fumeur. Le papier a cigarette est traite par l'un ou l'autre des deux procedes proposes a titre de variantes. Le premier procede se caracterise par le revetement entre 40% et 100% de la surface du papier avec une solution aqueuse d'un silicate de metal alcalin, dont la plage de concentration en SiO₂ se situe entre 12 et 16% pour 40% de revetement et entre 7 et 15% pour un enrobage total. Le second procede se caracterise par deux enrobages uniformes sequentiels d'une solution aqueuse d'un silicate de metal alcalin, dont les concentrations SiO₂ dans chaque solution se situent entre 1,7% et 6%.

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