

Title (en)

MANUFACTURING DEVICE AND PREPARATION METHOD FOR CIGARETTE PAPER HAVING FLAME-RETARDING STRIPES

Title (de)

HERSTELLUNGSVORRICHTUNG UND HERSTELLUNGSVERFAHREN FÜR ZIGARETTENPAPIER MIT FLAMMHEMMENDEN STREIFEN

Title (fr)

DISPOSITIF DE FABRICATION ET PROCÉDÉ DE PRÉPARATION DE PAPIER À CIGARETTES COMPORTANT DES BANDES NE PROPAGEANT PAS LA FLAMME

Publication

EP 2706143 B1 20160928 (EN)

Application

EP 12749773 A 20120420

Priority

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Abstract (en)

[origin: EP2706143A2] The present invention relates to an apparatus and a method for manufacturing a cigarette paper with a fire retardant strip. The apparatus comprises a first and a second coating roller arranged in contact with and parallel to each other and having an opposite axially rotational direction with each other; wherein a contact position between said first and second coating rollers is provided through which said cigarette paper passes; and, wherein a feeding tube with a plurality of feeding nozzles is provided outside said first and/or said second coating roller. In order to print a fire retardant on one surface or both surfaces of the cigarette paper with the fire retardant strip, the method according to the present invention comprises applying a coating layer of diffusion-resistant and osmosis-resistant material, like oxidized starch or carboxy methyl cellulose sodium, on a surface of a raw sheet of a cigarette paper, such that the raw sheet of the cigarette paper has certain diffusion-resistant and permeability resistance and achieves reduction of corrugation during the printing of the fire retardant on the strip. It can also increase tensile strength of the cigarette paper and improve surface performance of the cigarette paper.

IPC 8 full level

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Citation (opposition)

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