

Title (en)

METHOD FOR PRODUCING A SECURITY PAPER, AND CIRCULAR SCREEN FOR THIS PURPOSE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SICHERHEITSPAPIERS SOWIE RUNDSIEB DAFÜR

Title (fr)

PROCÉDÉ DE PRODUCTION D'UN PAPIER DE SÛRETÉ, ET FORME RONDE UTILISÉE À CET EFFET

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Application

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Abstract (en)

[origin: WO2012022402A1] The invention relates to a method for producing a security paper for producing security documents, such as bank notes, identification cards, or the like, comprising a strip-shaped security element that is embedded into the security paper and guided onto one of the surfaces of the security paper on at least one opening in the security paper. A circular screen of a cylinder paper machine creates a paper pulp in the form of a fiber/water suspension from a vat. The invention further relates to a circular screen of a cylinder paper machine for producing a corresponding security paper. According to the invention, at least one first elevation is applied on the circular screen per project, said first elevation being formed by a closed frame that surrounds at least one recess. At least one further elevation is applied on the circular screen, the strip-shaped security element being guided in a lateral direction as a result of said further elevation so that the strip-shaped security element is guided on the circular screen in such a manner that the strip-shaped security element comes to rest on the first elevation. The first elevation does not protrude or only slightly protrudes on both longitudinal sides so that no fiber/water suspension can be stored in the interior of the first elevation.

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