

ABSTRACT

The invention relates to a method for producing security patterns (11, 12) on an electronic module (10) for a security document, comprising the steps of: - providing a dielectric film (1); - producing through-holes (2) in the dielectric film (1); - depositing at least one metallic layer (3) on the upper face and the lower face of the dielectric film (1) leaving the through-holes (2) open; - defining, by engraving, on the one hand, a set of functional metallic zones (4, 14) comprising a central zone (14) forming an electrical ground and a set of electrical contacts (4) separated from one another and separated from the electrical ground by non-metallized zones that allow the dielectric film to appear (1), and, on the other hand, a set of non-functional or decorative zones (15); - characterized in that it comprises a step consisting of simultaneously producing, by an engraving operation, a first hollow security pattern (11) obtained by removing material in one of the functional metallic zones (4, 14), and a second security pattern (12) in relief relative to the dielectric film (1) and obtained by removing material in a zone located outside the functional metallic zones (4, 14) forming the electrical contacts (4, 14) of the terminal block.