

Title (en)

SECURITY DOCUMENT WITH TEST DEVICE FOR A CIRCUIT, AND METHOD FOR TESTING A CIRCUIT IN A SECURITY DOCUMENT

Title (de)

SICHERHEITSDOKUMENT MIT PRÜFEINRICHTUNG FÜR EINE SCHALTUNG UND VERFAHREN ZUM PRÜFEN EINER SCHALTUNG IN EINEM SICHERHEITSDOKUMENT

Title (fr)

DOCUMENT DE SÉCURITÉ DOTÉ D'UN SYSTÈME DE CONTRÔLE D'UN CIRCUIT ET PROCÉDÉ DE CONTRÔLE D'UN CIRCUIT DANS UN DOCUMENT DE SÉCURITÉ

Publication

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Application

EP 14809441 A 20141210

Priority

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Abstract (en)

[origin: WO2015086712A1] The invention relates to a security document (30) comprising an electronic circuit arrangement (40), wherein the circuit arrangement (40) comprises a supply device (150) for providing an electric voltage and/or an electric current and an excitation structure (100), and a security structure (200) is additionally formed, wherein the security structure (200) comprises a structure color (210), the interaction of which with light can be influenced by an electric and/or magnetic field, such that a color of the structure color (210) is dependent on the electric and/or magnetic field, wherein the excitation structure (100) is coupled to the supply device (150) and the excitation structure (100) is arranged relative to the security structure (200) such that upon application of the electric voltage provided by the supply device (150) and/or upon application of the electric current provided by the supply device (150) in the region of the security structure (200) an electric field and/or a magnetic field are/is generated and a change in the color of the security structure (200) is brought about by this means. Furthermore, the invention relates to a method for testing a circuit arrangement (40) in a security document (30).

IPC 8 full level

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