

Title (en)  
MULTI-LAYER PRINTING SUBSTRATE WITH HIDDEN INFORMATION

Title (de)  
MEHRLAGIGES DRUCKSUBSTRAT MIT VERBORGENER INFORMATION

Title (fr)  
SUBSTRAT D'IMPRESSION MULTICOUCHE À INFORMATIONS CACHÉES

Publication  
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Application  
**EP 21713685 A 20210325**

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Abstract (en)  
[origin: WO2021197993A1] The invention relates to a multi-layer substrate (9), in particular a printing substrate in the form of security paper, having a first paper ply (1) and a second paper ply (2), and a plastic ply (3) made of at least one thermoplastic polymer material arranged between the paper layers (1, 2) and directly connected on both sides to the paper layers (1, 2), wherein a strip-shaped tear-off film (5) is embedded between the paper layers (1, 2) on the inner side of the second paper layer (2) and at least partially embedded into the plastic layer (3), characterised in that hidden information (6) is arranged on the inner side of the first paper ply (1) and, when viewed perpendicularly to and from the side of the second paper ply (2), is covered by the strip-shaped tear-off film (5) or is arranged on the surface of the strip-shaped tear-off film (5) facing the first paper ply (1), wherein the hidden information (6) can be exposed by the strip-shaped tear-off film (5) together with a strip (11) of the second paper ply (2) being irreversibly torn off the multi-layer substrate (9).

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