

Title (en)

A SECURITY SHEET OR DOCUMENT HAVING ONE OR MORE ENHANCED WATERMARKS

Title (de)

SICHERHEITSPAPIER ODER -DOKUMENT MIT EINEM ODER MEHREREN VERBESSERTEN WASSERZEICHEN

Title (fr)

FEUILLE OU DOCUMENT DE SÉCURITÉ COMPORTANT UN OU PLUSIEURS FILIGRANES AMÉLIORÉS

Publication

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Application

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- US 201461924000 P 20140106
- EP 18154768 A 20141202
- EP 14821361 A 20141202
- US 2014068205 W 20141202

Abstract (en)

[origin: WO2015084872A2] The invention generally relates to a security sheet or document having one or more enhanced watermarks. In one exemplary embodiment, the inventive security sheet or document is a single-ply paper that is made up of a paper layer including one or more watermarks, and a micro-optic security device {e.g., a patch or thread} that at least partially covers an upper or face portion of the watermark(s). The overlying patch or thread increases the durability of the watermark(s), thereby allowing for the watermark(s) as well as reduced fiber density areas therein to be made larger, and further allowing for the reduced fiber density areas to be made thinner. In a preferred embodiment, the micro-optic security device projects one or more synthetic images that coordinate or link in with the watermark design(s). In a more preferred embodiment, the micro-optic security device offers a machine detectable/readable feature in the form of enhanced IR- brightness, especially when measured in transmission. As will be readily appreciated, the inventive security sheet or document offers greatly improved counterfeit-resistance.

IPC 8 full level

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Citation (opposition)

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Opponent : Oberthur Fiduciaire SAS

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