

Title (en)

Security sheet, particularly of the type that includes an electrically conducting element

Title (de)

Sicherheitsblatt, insbesondere vom Typ der ein elektrisch leitendes Element beinhaltet

Title (fr)

Feuille de sécurité en particulier de ce type qui inclut un élément électriquement conducteur

Publication

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Application

EP 96111103 A 19960710

Priority

IT MI951540 A 19950714

Abstract (en)

[origin: EP0753623A2] The present invention relates to a security sheet, usable in particular in the paper industry, which includes an electrically conductive element which, by virtue of detection devices, allows precise detection and easy monitoring and is therefore particularly adapted as an anti-forgery system in the production of security documents, such as currency bills, checks, and personal identification documents. <IMAGE>

IPC 1-7

D21H 21/48

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [X] US 5112672 A 19920512 - KAULE WITTICH [DE], et al
- [A] US 4231593 A 19801104 - BELL JR VINCENT G, et al
- [A] US 4183989 A 19800115 - TOOTH ALAN J [GB]
- [A] US 5354099 A 19941011 - KAULE WITTICH [DE], et al
- [A] DE 2909731 A1 19790920 - OESTERR NATIONALBANK

Cited by

US7301682B1; US6118377A; US6031457A; DE19915440A1; EP1074599A4; US6126076A; EP0914970A3; EP1693802A1; FR2771111A1; NL1008929C2; BG64397B1; US2013139982A1; US8597465B2; US6663960B1; WO2007144657A2; DE102016004429A1; WO2004111338A1; WO9927185A1; WO0065545A1; NL1011860C2; DE19928060A1; CZ298221B6; BG64546B1; CN113811653A; US2022213651A1; WO02070368A3; EP1034536B1; WO2007144657A3; WO2006042568A1; US6830192B1; US7032828B2; WO2004049268A1; WO9954842A1; WO9966128A1; WO02070367A1; WO0076778A1; WO2020224800A1

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