

Title (en)

METHOD AND DEVICE FOR PRODUCING A SECURITY PAPER HAVING TWO WINDOW SECURITY ELEMENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN EINES SICHERHEITSPAPIERS MIT ZWEI FENSTERSICHERHEITSELEMENTEN

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FABRIQUER UN PAPIER DE SÉCURITÉ POURVU DE DEUX ÉLÉMENTS DE SÉCURITÉ FENÊTRÉS

Publication

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Application

**EP 17702520 A 20170126**

Priority

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Abstract (en)

[origin: WO2017133832A1] The invention relates to a device (10) for producing a security paper having at least two endless visible window security elements on opposite sides of the security paper, comprising a first paper layer production device (12) for forming a first paper web (20) and for introducing a first endless security element (22) as a window security element into the first paper web (20) during the formation of sheets, a second paper layer production device (14) for producing a second paper web (30), a take-off belt (16) for merging the second paper web (30) with and fixedly joining the second paper web to the first paper web (20), an apparatus for feeding a second endless security element (32) between the first and second paper webs as the paper webs (20, 30) are merged, and a suction device (50) for removing paper fibers from the second paper web (30) in the yet moist state. The invention further relates to an associated method and to a corresponding multi-layer security paper and document of value.

IPC 8 full level

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CPC (source: EP RU)

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Citation (opposition)

Opponent :

- EP 2176462 B1 20110914 - ARJOWIGGINS SECURITY [FR]
- CN 104420399 A 20150318 - KUNSHAN BANKNOTE PAPER CO LTD, et al
- US 2009001709 A1 20090101 - KRETSCHMAR FRIEDRICH [DE], et al
- WO 2005069231 A1 20050728 - RUE DE INT LTD [GB], et al
- WO 2014086476 A1 20140612 - GIESECKE & DEVRIENT GMBH [DE]
- FR 2891761 A1 20070413 - ARJOWIGGINS SECURITY SOC PAR A [FR]
- EP 0059056 B1 19850502
- DE 102005045566 A1 20060928 - GIESECKE & DEVRIENT GMBH [DE]

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