

Title (en)
SECURITY PAPER COMPRISING LOCALISED AREAS WITH REDUCED THICKNESS AND OPACITY, AND METHOD FOR MAKING SAME

Title (de)
SICHERHEITSPAPIER MIT REDUZIERTER DICKE UND OPAZITÄT IN LOKALEN BEREICHEN UND DAS VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
PAPIER DE SECURITE COMPORTANT DES ZONES LOCALISEES D'EPAISSEUR ET D'OPACITE REDUITES ET SON PROCEDE DE FABRICATION

Publication
EP 0687324 B1 20000119 (FR)

Application
EP 94908388 A 19940301

Priority

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- FR 9302373 A 19930302
- FR 9311485 A 19930928

Abstract (en)
[origin: WO9420679A1] A method for making a paper sheet comprising at least one region which is thinner than the rest of the sheet. According to the method, a first paper layer (3) is formed on a wire in a first wet end of a paper-making machine, a second paper layer (5) is formed on a wire in a second wet end of the paper-making machine, one of the two paper layers has a number of localised thinner regions (8) so that the thickness (e2) of said paper layers in said regions is up to 50 % less than the thickness (et) of the rest of the sheet, and the two layers are joined together and dried. The resulting paper may be used in banknotes or cheques.

IPC 1-7
D21F 11/08; **D21F 11/00**; **D21F 1/44**; **D21H 21/40**

IPC 8 full level
D21F 1/44 (2006.01); **D21F 11/00** (2006.01); **D21F 11/08** (2006.01); **D21H 21/40** (2006.01); **D21H 27/06** (2006.01)

CPC (source: EP US)
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Cited by
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Designated contracting state (EPC)
CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
WO 9420679 A1 19940915; DE 69422705 D1 20000224; DE 69422705 T2 20001005; DE 69422705 T3 20060817; EP 0687324 A1 19951220; EP 0687324 B1 20000119; EP 0687324 B2 20051207; ES 2142937 T3 20000501; ES 2142937 T5 20060716; US 6402888 B1 20020611

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