Title (en)

Base substrate for a film composite bank note

Title (de)

Basissubstrat für eine Folienverbund-Banknote

Title (fr)

Substrat de base pour un billet de banque à film composite

Publication

EP 2607550 B1 20170222 (DE)

Application

EP 12008410 A 20121218

Priority

- DE 102011122113 A 20111222
- DE 102012024774 A 20121218
- DE 102012024768 A 20121218

Abstract (en)

[origin: EP2607550A1] Base substrate for a film composite banknote (10) present in the form of a rectangular sheet having a longitudinal direction and a transverse direction that is perpendicular to the longitudinal direction, comprises at least one strip-shaped row of holes (42), which extends along the longitudinal or the transverse direction, and exhibits a substrate thinning comprising a hole that passes through the base substrate, at a first partial region, and a substrate thickening at a second partial region. Independent claims are also included for: (1) a valuable document, preferably the composite film banknote, comprising the above base substrate; (2) producing the base substrate in the form of the rectangular sheet, comprising generating a substrate thinning in the first partial region of the row of the holes, producing a hole that passes through the base substrate, in the substrate thinning, and generating a substrate thickening in the second partial region of the row of the holes; (3) producing the valuable document, comprising laminating the base substrate with at least one film, wrapping the laminated base substrate on a roll for adhesive curing of the lamination, and producing the valuable document from the cured laminated base substrate; and (4) a dewatering screen for producing the base substrate, comprising at least one strip-shaped row of holes extending along a longitudinal or a transverse direction of the dewatering screen, including projections in a first partial region for producing the substrate thinning in the base substrate, and recesses in a second partial region for producing substrate thickening in base substrate.

IPC 8 full level

D21H 21/40 (2006.01); **D21F 9/04** (2006.01); **D21H 21/42** (2006.01); **D21H 21/50** (2006.01)

CPC (source: EP)

D21H 21/40 (2013.01); **D21H 21/42** (2013.01); **D21H 21/50** (2013.01)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2607550 A1 20130626; **EP 2607550 A8 20130731**; **EP 2607550 B1 20170222**

DOCDB simple family (application)

EP 12008410 A 20121218