

Title (en)

METHOD FOR PRODUCING A SECURITY FEATURE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SICHERHEITSMERKMALS

Title (fr)

PROCÉDÉ POUR LA FABRICATION D'UNE CARACTÉRISTIQUE DE SÉCURITÉ

Publication

**EP 3877193 B1 20221228 (DE)**

Application

**EP 19821234 A 20191108**

Priority

- AT 509642018 A 20181109
- AT 2019060379 W 20191108

Abstract (en)

[origin: WO2020093080A1] The invention relates to a method for producing a security feature (1) in the form of a color image (2), wherein: in order to produce the image, a colorant is applied to a substrate (3); the image (2) is divided into grid areas; grid areas (4, 5, 6, 9, 10, 11) of the image (2) that are directly adjacent to one another partially overlap; a region of overlap (7, 8) of directly adjacent grid areas (4, 5, 6, 9, 10, 11) is smaller than one of the grid areas (4, 5, 6, 9, 10, 11); each grid area (4, 5, 6, 9, 10, 11) of the image (2) is assigned at least one color and at least the regions of the substrate (3) corresponding to the respective grid areas (4, 5, 6, 9, 10, 11) minus the corresponding regions of overlap (7, 8) are each covered with at least one colorant of the particular assigned color; the regions of overlap (7, 8) between adjacent grid areas (4, 5, 6, 9, 10, 11) are covered at least with the colorant that has the color that is assigned to one of the grid areas (4, 5, 6, 9, 10, 11) overlapping in the region of overlap (7, 8) in question.

IPC 8 full level

**B42D 25/405** (2014.01); **B41M 3/14** (2006.01); **B42D 25/29** (2014.01); **B42D 25/378** (2014.01); **B42D 25/387** (2014.01)

CPC (source: AT EP US)

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Citation (opposition)

Opponent : Giesecke+Devrient Currency Technology GmbH

- EP 1997642 A2 20081203 - XEROX CORP [US]
- WO 2007093300 A2 20070823 - GIESECKE & DEVRIENT GMBH [DE], et al
- EP 3225417 A1 20171004 - GIESECKE+DEVRIENT CURRENCY TECH GMBH [DE]
- WO 2011104331 A1 20110901 - BUNDESDRUCKEREI GMBH [DE], et al
- US 2001005212 A1 20010628 - OTSUKI KOICHI [JP]
- EP 1237354 A2 20020904 - CARL EPPLER DRUCKFARBFABRIK G [DE]
- WO 2016124315 A1 20160811 - MERCK PATENT GMBH [DE]

Opponent : LEONHARD KURZ Stiftung & Co. KG

- WO 2007093300 A2 20070823 - GIESECKE & DEVRIENT GMBH [DE], et al
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- EP 1985458 A1 20081029 - BANQUE DE FRANCE [FR]
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DOCDB simple family (publication)

**WO 2020093080 A1 20200514**; AT 521847 A1 20200515; BR 112021006792 A2 20210713; CA 3113572 A1 20200514; CA 3113572 C 20230704; CN 112930268 A 20210608; CN 112930268 B 20220916; EP 3877193 A1 20210915; EP 3877193 B1 20221228; ES 2940118 T3 20230503; HU E061432 T2 20230628; JP 2022513015 A 20220207; JP 7267420 B2 20230501; PL 3877193 T3 20230508; SI 3877193 T1 20230428; US 2021379914 A1 20211209

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