

Title (en)

EMBOSSING TOOL FOR PRODUCING A SECURITY ELEMENT WITH AN OPTICALLY VARIABLE STRUCTURE

Title (de)

PRÄGEWERKZEUG ZUR HERSTELLUNG EINES SICHERHEITSELEMENTS MIT EINER OPTISCH VARIABLEN STRUKTUR

Title (fr)

OUTIL D'ESTAMPAGE DESTINE A FABRIQUER UN ELEMENT DE SECURITE AYANT UNE STRUCTURE OPTIQUE VARIABLE

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Application

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CPC (source: EP)

**B42D 25/425** (2014.10); **B44B 5/026** (2013.01); **B41M 3/148** (2013.01)

Citation (opposition)

Opponent : Giesecke+Devrient Currency Technology GmbH

- EP 0429782 A1 19910605 - LANDIS & GYR BETRIEBS AG [CH]
- EP 2886356 A2 20150624 - GIESECKE & DEVRIENT GMBH [DE]
- DE 202012007473 U1 20120829 - ALLTEC ANGEWANDTE LASERLICHT TECHNOLOGIE GMBH [DE]
- US 5538753 A 19960723 - ANTES GREGOR [CH], et al
- EP 1878584 A2 20080116 - OVD KINEGRAM AG [CH], et al
- WO 2010100360 A1 20100910 - OBERTHUR TECHNOLOGIES [FR], et al
- WO 2012130907 A1 20121004 - OBERTHUR FIDUCIAIRE SAS [FR], et al
- WO 2014124374 A1 20140814 - GRAPHIC SECURITY SYSTEMS CORP [US]
- EP 2985154 A1 20160217 - FEDERALNOE G UNITARNOE PREDPR GOZNAK FGUP GOZNAK [RU]
- WO 2013045054 A1 20130404 - GIESECKE & DEVRIENT GMBH [DE]
- WO 2013045055 A1 20130404 - GIESECKE & DEVRIENT GMBH [DE], et al
- EP 2554397 A1 20130206 - ALLTEC ANGEWANDTE LASERLICHT TECHNOLOGIE GMBH [DE]
- WO 2012055505 A1 20120503 - GIESECKE & DEVRIENT GMBH [DE], et al
- WO 2012048847 A1 20120419 - GIESECKE & DEVRIENT GMBH [DE], et al
- WO 2011066991 A2 20110609 - GIESECKE & DEVRIENT GMBH [DE], et al
- EP 2460665 A1 20120606 - NAT PRINTING BUREAU INCORPORATED ADMINISTRATIVE AGENCY [JP]
- WO 2011138039 A1 20111110 - GIESECKE & DEVRIENT GMBH [DE], et al
- EP 1990211 A2 20081112 - JDS UNIPHASE CORP [US]

Cited by

EP3511177A1; CN110712443A; IT201800007607A1; WO2020026109A1; DE102018000193A1

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