

Title (en)

CUTTING PLOTTER FILM WITH ANTI-COUNTERFEIT EFFECT

Title (de)

SCHNEIDPLOTTERFILM MIT FÄLSCHUNGSSICHERER WIRKUNG

Title (fr)

FILM DE TRACEUR DE DÉCOUPAGE À EFFET ANTI-CONTREFAÇON

Publication

EP 3305544 B1 20190123 (EN)

Application

EP 17184131 A 20170731

Priority

TW 105132103 A 20161004

Abstract (en)

[origin: EP3305544A1] A cutting plotter film with anti-counterfeit effect includes: a heat-resistant layer; a stripe-embossed layer having releasing property and bonded on the heat-resistant layer, the stripe-embossed layer being formed with a stripe-embossed surface; a character film layer disposed on the stripe-embossed surface of the stripe-embossed layer, having a contact surface in contact with the stripe-embossed surface, the contact surface being formed with anti-counterfeit stripes; and a heat bonding layer disposed on the character film layer. Figures/characters are cut/engraved on the character film layer and the heat bonding layer. The cutting plotter film is placed on a product and heated to transfer and adhere the figures/characters onto the product.

IPC 8 full level

B42D 25/455 (2014.01); **B44C 1/17** (2006.01)

CPC (source: CN EP)

B41M 3/14 (2013.01 - CN); **B41M 5/0353** (2013.01 - CN); **B42D 25/455** (2014.10 - EP); **B44C 1/1729** (2013.01 - EP)

Cited by

EP3597714A1; EP3698962A1; CN109466223A; CN110722896A; US11053414B2; WO2021208506A1; EP3769953A1

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 3305544 A1 20180411; **EP 3305544 B1 20190123**; CN 107891678 A 20180410; CN 107891678 B 20190514; TW 201813820 A 20180416; TW I598235 B 20170911

DOCDB simple family (application)

EP 17184131 A 20170731; CN 201710694243 A 20170814; TW 105132103 A 20161004