

Title (en)
METHOD AND DEVICE FOR COLD STAMPING ON THREE-DIMENSIONAL ARTICLES

Title (de)
VERFAHREN UND VORRICHTUNG ZUM KALTPRÄGEN AUF DREIDIMENSIONALEN GEGENSTÄNDEN

Title (fr)
PROCÉDÉ ET DISPOSITIF D'ESTAMPAGE À FROID SUR DES OBJETS TRIDIMENSIONNELS

Publication
EP 2938496 B1 20200115 (DE)

Application
EP 13818728 A 20131218

Priority
• DE 102012112556 A 20121218
• EP 2013077200 W 20131218

Abstract (en)
[origin: WO2014096074A1] The invention relates to a method and a device for cold stamping onto a three-dimensional article. In a first step, an adhesive is applied to the article (4) at a first workstation (1). In a second step, a transfer film (21) is pressed onto the article by a pressing device at a second workstation (2). At the same time, the adhesive is cured at the second workstation. As a result, the decoration material of the transfer film adheres to the article (4) at those points of the article which are provided with adhesive. If, following this, the transfer film is removed from the three-dimensional article after being pressed on, the decoration material remains on the article at the desired points. At the points, at which no adhesive was applied to the article (4) in the first step, the decoration material does not adhere to the article, but rather remains on the carrier film of the transfer film (21).

IPC 8 full level
B41F 16/00 (2006.01); **B41F 17/00** (2006.01); **B41F 19/00** (2006.01); **B41F 23/00** (2006.01); **B41F 23/04** (2006.01); **B41M 1/00** (2006.01)

CPC (source: EP US)
B41F 16/0026 (2013.01 - EP US); **B41F 16/0033** (2013.01 - US); **B41F 16/0046** (2013.01 - EP US); **B41F 16/008** (2013.01 - EP US); **B41F 16/0086** (2013.01 - EP US); **B41F 17/002** (2013.01 - EP US); **B41F 19/001** (2013.01 - EP US); **B41F 19/005** (2013.01 - EP US); **B41F 23/005** (2013.01 - EP US); **B41F 23/04** (2013.01 - EP US); **Y10T 156/1028** (2015.01 - EP US); **Y10T 156/1033** (2015.01 - EP US)

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)
DE 102012112556 A1 20140618; **DE 102012112556 B4 20180927**; CN 105189120 A 20151223; CN 105189120 B 20180601; EP 2938496 A1 20151104; EP 2938496 B1 20200115; HU E049378 T2 20200928; JP 2016508080 A 20160317; JP 6546095 B2 20190717; PL 2938496 T3 20200921; PL 2938496 T4 20200921; US 10807357 B2 20201020; US 2015343761 A1 20151203; US 2021008867 A1 20210114; WO 2014096074 A1 20140626

DOCDB simple family (application)
DE 102012112556 A 20121218; CN 201380073286 A 20131218; EP 13818728 A 20131218; EP 2013077200 W 20131218; HU E13818728 A 20131218; JP 2015548502 A 20131218; PL 13818728 T 20131218; US 201314652976 A 20131218; US 202017035395 A 20200928