

Title (en)
TRANSFER/PUNCHING PROCESS

Title (de)
TRANSFER-STANZEN

Title (fr)
DÉCOUPE AVEC TRANSFERT

Publication
EP 3030388 B1 20200826 (DE)

Application
EP 14741235 A 20140708

Priority
• DE 102013215706 A 20130808
• EP 2014064615 W 20140708

Abstract (en)
[origin: WO2015018587A1] The invention relates to a method for operating a punching/transferring device (1), in particular for producing RFID antennas. The punching/transfer device (1) has a punching tool (2) with a vacuum connection (3), said vacuum connection (3) interacting with a porous elastomer (9) such that by means of the punching tool (2), a desired contour can be punched out of a multilayer composite, held, and then dispensed by modifying the shape of the porous elastomer (9) and/or by modifying the vacuum.

IPC 8 full level
B26F 1/40 (2006.01); **B26D 3/08** (2006.01); **B26D 7/01** (2006.01); **B26D 7/18** (2006.01); **B26F 1/38** (2006.01); **B26F 1/44** (2006.01);
G06K 19/077 (2006.01)

CPC (source: EP US)
B26D 3/085 (2013.01 - EP US); **B26D 7/018** (2013.01 - EP US); **B26D 7/18** (2013.01 - EP US); **B26F 1/384** (2013.01 - EP US);
B26F 1/44 (2013.01 - EP US); **B26F 1/40** (2013.01 - EP US); **B26F 2001/4436** (2013.01 - EP US); **B26F 2001/4472** (2013.01 - 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 102013215706 A1 20150212; CN 105980116 A 20160928; CN 105980116 B 20190723; EP 3030388 A1 20160615;
EP 3030388 B1 20200826; ES 2833290 T3 20210614; HK 1226026 A1 20170922; JP 2016533909 A 20161104; JP 6415558 B2 20181031;
MY 183430 A 20210218; US 2016151928 A1 20160602; US 9981398 B2 20180529; WO 2015018587 A1 20150212

DOCDB simple family (application)
DE 102013215706 A 20130808; CN 201480050676 A 20140708; EP 14741235 A 20140708; EP 2014064615 W 20140708;
ES 14741235 T 20140708; HK 16114010 A 20161208; JP 2016532281 A 20140708; MY PI2016700411 A 20140708;
US 201414903823 A 20140708