

Title (en)

ANVIL AND METHOD FOR FORMING GROOVES IN PAPER, CARDBOARD OR CORRUGATED CARDBOARD

Title (de)

GEGENZURICHTUNG UND VERFAHREN ZUM RILLEN VON PAPIER, KARTON ODER WELLPAPPE

Title (fr)

CONTRE-OUTIL DE RAINAGE ET PROCEDE DE RAINAGE DE PAPIER, CARTON OU CARTON ONDULÉ

Publication

EP 3109040 B1 20221102 (DE)

Application

EP 15001869 A 20150624

Priority

EP 15001869 A 20150624

Abstract (en)

[origin: WO2016206795A1] The invention relates to a counter-die, in particular for creasing paper, cardboard or corrugated cardboard, having at least one groove channel (2) which is configured, in relation to the groove channel cross section, between two groove channel walls which are spaced apart from one another and form the groove channel (2), wherein, in addition, the groove channel walls in each case form and/or have an upper side which forms a contact and/or bearing surface for the material (16) to be cut and/or creased. It is provided according to the invention that the counter-die is configured at least in regions, preferably at least in a part region of a groove channel wall which is assigned to the groove channel (2), from an elastic material, in particular in order to provide an upper side of at least one groove channel wall of the at least one groove channel (2), which upper side can be displaced at least in regions and springs back elastically.

IPC 8 full level

B31F 1/08 (2006.01); **B26F 1/44** (2006.01); **B31B 50/25** (2017.01)

CPC (source: CN EP US)

B26D 3/08 (2013.01 - EP US); **B26F 1/44** (2013.01 - CN EP US); **B31F 1/08** (2013.01 - CN EP US); **B26F 2001/4445** (2013.01 - CN EP US); **B31B 50/252** (2017.07 - 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)

EP 3109040 A1 20161228; **EP 3109040 B1 20221102**; CN 108064200 A 20180522; CN 108064200 B 20210625; US 2018178479 A1 20180628; WO 2016206795 A1 20161229

DOCDB simple family (application)

EP 15001869 A 20150624; CN 201680036857 A 20160620; EP 2016001044 W 20160620; US 201615739233 A 20161220