

Title (en)

METHOD AND DEVICE FOR STRIPPING A PRECUT FLAT PUNCHED PART FROM A BLANK

Title (de)

VERFAHREN UND VORRICHTUNG ZUM AUSBRECHEN EINES FLÄCHIGEN WERKSTÜCKS AUS EINEM WERKSTOFFBOGEN

Title (fr)

METHODE ET DISPOSITIF POUR SEPARATION MORCEAUX PRÉDÉCOUPÉS D'UNE FEUILLE DE MATIÈRE

Publication

EP 3554782 B1 20200923 (DE)

Application

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Priority

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Abstract (en)

[origin: US2018169884A1] In a device for breaking out a workpiece (3) from a material sheet (2) through an opening (4) of a die (1) by means of a breakout tool (5), the die (1) is to have a plug-in unit (22), wherein a breakout module (9.1-9.4) is insertable into the plug-in unit (22), wherein the breakout module (9.1-9.4) is composed of an insert (10) and of a module lobe (11), wherein the insert (10) has a surface (16) and a shearing edge (17), wherein the shearing edge (17) toward a bearing face (12) of the module lobe (11) configures an offcut length (18), and wherein the offcut length has a height (h) of 0.8 mm to 1.8 mm, and preferably of 1.5 mm.

IPC 8 full level

B26D 7/18 (2006.01); **B26F 1/44** (2006.01)

CPC (source: EP US)

B26D 7/1818 (2013.01 - EP US); **B26D 2007/1881** (2013.01 - EP US); **B26D 2007/189** (2013.01 - EP US); **B26F 1/44** (2013.01 - EP US); **Y10T 225/371** (2015.04 - EP US); **Y10T 225/379** (2015.04 - EP US)

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