

Title (en)

Flat cutting die and method for setting it up

Title (de)

Flachschneideisen und Verfahren zum Einrichten

Title (fr)

Filière de découpage à plat et son procédé de configuration

Publication

EP 2159017 A1 20100303 (EN)

Application

EP 08425577 A 20080828

Priority

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Abstract (en)

The invention concerns a flat cutting die comprising one or more stripes and a flat support plate, provided with one or more seats in which said stripes are inserted in transversal position, partially projecting from its outer surface. Advantageously, the cutting die comprises at least one shim in a deformable material arranged between the stripes and the bottom surface of the corresponding seats. The differences in pressure exerted by the stripes of the cutting die on an abutment plane, and therefore also on the punched sheets, are automatically compensated allowing the elastic and/or plastic deformation of the deformable shim at the stripes.

IPC 8 full level

B26F 1/44 (2006.01)

CPC (source: EP)

B26F 1/44 (2013.01); **B26F 1/40** (2013.01); **B26F 2001/4463** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

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