

Title (en)  
Method for correcting deformations occurring during the punching of metal sheets

Title (de)  
Verfahren zur Korrektur von Verformungen beim Stanzen von Blechen

Title (fr)  
Procédé destiné à la correction des déformations lors du poinçonnage de tôles

Publication  
**EP 2210685 B1 20121107 (DE)**

Application  
**EP 09001081 A 20090127**

Priority  
EP 09001081 A 20090127

Abstract (en)  
[origin: EP2210685A1] The tool kit has a deflector for a punching machine with a plunger (4) having an upper tool holder. The deflector has a section with a lower surface having areas with high rigidity and the area with lower rigidity. The areas with high rigidity are arranged relative to a central axis outside another area with low rigidity. A tool insert has a tool upper part (16) and tool lower part. The tool upper part has a cutter, and the tool lower part has an opening complementary to the cutter. An independent claim is also included for a method for correcting the deformation of a plate processed in a punching machine by stamp.

IPC 8 full level  
**B21D 45/06** (2006.01); **B21D 28/26** (2006.01); **B21D 45/00** (2006.01)

CPC (source: EP)  
**B21D 28/26** (2013.01); **B21D 45/006** (2013.01); **B21D 45/06** (2013.01)

Cited by  
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