

Title (en)  
Steel strip punch tool

Title (de)  
Bandstahlwerkzeug

Title (fr)  
Outil de poinçonnage en feuillard d'acier

Publication  
**EP 1300223 A3 20040825 (DE)**

Application  
**EP 02022070 A 20021002**

Priority  
DE 10149351 A 20011006

Abstract (en)  
[origin: EP1300223A2] The band steel tool has a plate (1) of sandwich formation with a tensioned elastomer intermediate layer (4) between two shape-stable cover plates (3) and in which band-shaped stamp blades (2) are held. The stamp blades are inserted in slots of the cover plates and the intermediate layer. Through tension, the intermediate layer is elastically deformed, exerting a clamping effect on the stamp blades. <??>The cover plates are tensioned against one another by connections (5) distributed over their surfaces, between the cover plates distance components (6) are arranged, which are casings secured by bolts of the screw connections.

IPC 1-7  
**B26F 1/44**

IPC 8 full level  
**B26F 1/40** (2006.01); **B26F 1/44** (2006.01)

CPC (source: EP US)  
**B26F 1/44** (2013.01 - EP US); **B26F 2001/4463** (2013.01 - EP US); **Y10T 83/9461** (2015.04 - EP US); **Y10T 83/9478** (2015.04 - EP US)

Citation (search report)

- [XA] US 6085625 A 20000711 - SANDFORD PETER E [CA]
- [XA] DE 2929015 A1 19810205 - MARBACH GMBH KARL
- [A] US 4116100 A 19780926 - WITBERG MARTINUS JOHANNES JOSE

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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**EP 02022070 A 20021002**; CA 2406860 A 20021007; DE 10149351 A 20011006; JP 2002292243 A 20021004; US 26441402 A 20021004