

Title (en)  
Driving means for a cutting press

Title (de)  
Antriebseinrichtung für eine schnellaufende Stanz- und Schneidpresse

Title (fr)  
Dispositif d'entraînement pour une presse d'estampage

Publication  
**EP 0881047 A3 19991124 (DE)**

Application  
**EP 98109290 A 19980522**

Priority  
DE 19722245 A 19970528

Abstract (en)  
[origin: EP0881047A2] A drive element (12), in the form of a disc with eccentric opening (14), rotates on a main pivot axle (11) and has a disc-shaped coupling element (16) pivot mounted on an eccentric axle (17) parallel with, and spaced apart from, the main pivot axle. The centre of gravity of the unit formed by the drive element and coupling element lies on the main pivot axle in all the relative pivot positions of the coupling element. One end of a rocking element (21) is pivoted on a swivel axle (22) which is parallel with, and spaced apart from the main pivot axle. The other end of the rocking element is linked to the coupling element at a link point (S). The coupling element is spaced apart from the eccentric axis. One end of a connecting-rod (18) is linked at a link point (P) to the coupling element.

IPC 1-7  
**B26F 1/40**; **B26D 5/14**

IPC 8 full level  
**B26D 5/14** (2006.01); **B26F 1/40** (2006.01); **B30B 1/14** (2006.01); **B30B 1/26** (2006.01)

CPC (source: EP)  
**B26D 5/14** (2013.01); **B26F 1/40** (2013.01); **B30B 1/14** (2013.01); **B30B 1/26** (2013.01)

Citation (search report)  
• [Y] GB 1241726 A 19710804 - AIDA TEKKOSHO KK [JP]  
• [Y] US 2610524 A 19520916 - MAUST FREDERICK K  
• [AY] DE 2000669 A1 19700813 - GULF WESTERN IND PRODUCTS COMP  
• [Y] DE 29515426 U1 19951130 - EDELHOFF GMBH & CO KG WERKZEUG [DE]  
• [Y] DE 4308475 A1 19940922 - PRESSEN ENGINEERING ESSEN GMBH [DE]  
• [Y] CH 302228 A 19541015 - SVETSMEKANO AB [SE]

Cited by  
CN108437519A; CN107671937A; CN109159163A; CN112140169A; DE102008057019A1

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DOCDB simple family (application)  
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