Title (en)

Method and apparatus for measuring and regulating the position of the slide in a high-speed cutting press

Title (de)

Verfahren und Vorrichtung zur Messung und Regelung der Höhenstellung des Stössels einer schnellaufenden Schnittpresse

Title (fr)

Procédé et dispositif de mesure et de réglage de la position du coulisseau d'une presse à découper à grande vitesse

Publication

EP 0732194 B1 20000216 (DE)

Application

EP 95103915 A 19950317

Priority

EP 95103915 A 19950317

Abstract (en)

[origin: EP0732194A1] A high speed press has an upper plant Ä2Ü to which is fixed the top tool Ä3Ü of a die-set and is moved by a motor with a transmission Ä9Ü. Attached the platen is a magnetically coded rod Ä7Ü that consists of alternating segments of magnets that alternate in polarity. Mounted on a fixed support Ä17Ü is a detector head Ä12Ü. As the rod moves relative to the detector ac voltage pulses are induced in a coil within an electronic control unit Ä13Ü. Motor motion is monitored by a position transducer. The distance moved is continuously compared with a reference value to control the lower dead point of the tool movement.

IPC 1-7 (main, further and additional classification)

B30B 15/00

IPC 8 full level (invention and additional information)

B30B 15/00 (2006.01); **B30B 15/06** (2006.01); **B30B 15/14** (2006.01); **B30B 15/26** (2006.01)

CPC (invention and additional information)

B30B 15/0041 (2013.01)

Cited by

DE102011107777A1; CN102602033A; EP1308268A1; CN103309274A; EP1582336A1; DE19842278A1; WO2016042421A1; EP2549234A2

Designated contracting state (EPC)

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