

Title (en)

PRECISION BLANKING PRESS WITH KNIFE-EDGED RING AND COUNTER CYLINDER

Title (de)

FEINSCHNEIDPRESSE MIT RINGZACKEN- UND GEGENHALTERZYLINDER

Title (fr)

PRESSE A DECOUPER DE PRECISION A CYLINDRE A DENTELURE ANNULAIRE ET A CYLINDRE ANTAGONISTE

Publication

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Application

EP 97907241 A 19970327

Priority

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- IB 9700312 W 19970327

Abstract (en)

[origin: US6240818B1] The press slide of a hydraulically or mechanically driven precision blanking press is non-positively connected with a crosshead by means of columns. The knife-edged ring cylinder is integrated in the crosshead and the supporting force of the knife-edged ring cylinder is taken up by the slide. During a cutting stroke, there is no relative movement between the knife-edged ring cylinder with piston and the slide. The counter cylinder is located in the lower crosshead of the stand. During a cutting stroke, there is no relative movement between the counter cylinder and the workpiece in the tool. The working force of the main drive is not reduced by the pressing force of the knife-edged ring and counter cylinder.

IPC 1-7

B21D 28/16

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 9735675A1

Cited by

EP3115122A1; US10682782B2; EP3115190A1; US10479040B2

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