

Title (en)

Apparatus for producing a blank from stock material.

Title (de)

Vorrichtung zum Stanzen eines Zuschnittes aus Streifenmaterial.

Title (fr)

Dispositif pour découper une pièce d'une bande.

Publication

**EP 0060355 A1 19820922 (EN)**

Application

**EP 81301101 A 19810317**

Priority

EP 81301101 A 19810317

Abstract (en)

The present invention relates to a method and apparatus for producing a smooth edge blank from stock material. A blanking die (52) is carried by the movable die shoe (14) and a closely cooperating blanking punch (50) is secured on the fixed die shoe (16). Spring biased means (40) is displaceably provided within the blanking die to apply pressure on a sheet of stock (122) located on the punch only over the area to be blanked out from said sheet of stock. A piercing punch (66) may also be provided and extends coaxially through the blanking die and a bore (64) extending through the blanking punch provides a piercing die. The spring biased means for applying pressure to clamp the stock only over the area to be blanked is a shedder displaceably disposed within the bore of the blanking die. A stripper encircling the blanking punch is provided for removing scrap stock upon completion of the blanking step and a spacer means (106, 108) is disposed to space the blanking die and the stripper apart by a distance exceeding the thickness of the stock.

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**B21D 28/16**

IPC 8 full level

**B21D 28/16** (2006.01)

CPC (source: EP)

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Citation (search report)

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