

Title (en)

APPARATUS FOR PRODUCING A BLANK FROM STOCK MATERIAL

Publication

EP 0060355 B1 19850410 (EN)

Application

EP 81301101 A 19810317

Priority

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Abstract (en)

[origin: EP0060355A1] 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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Cited by

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