

Title (en)

Simplified construction of tools to widen the use of strip tools in the production of metallic articles in small or intermediate series.

Title (de)

Vereinfachte Konstruktion von Werkzeugen, zum Erweitern der Einsatzmöglichkeit von Bandwerkzeugen bei der Herstellung von metallischen Produkten in kleiner und mittelgrosser Serie.

Title (fr)

Construction simplifiée des outillages, permettant d'étendre l'utilisation des outils à la bande, dans la fabrication en petite et moyenne série des articles métalliques.

Publication

**EP 0100271 A1 19840208 (FR)**

Application

**EP 83401470 A 19830718**

Priority

FR 8212701 A 19820721

Abstract (en)

[origin: US4733552A] A press assembly is disclosed with a series of punch/die sets for successive operations on parts connected together in a strip. The punch/die sets are conveniently relocatable anywhere on regularly-spaced fixed stations and the stations can receive more than one punch/die set. The punches and dies in the sets can be mounted on removable base plates or otherwise made movable to any spacing, such that the sets are easily spaced to reflect a length of the parts being manufactured. The increment of strip feed between operations of the press is also adjustable. The press assembly can therefore be inexpensively set up to make parts of any characteristic length.

Abstract (fr)

L'invention concerne la fabrication à la bande de pièces métalliques. Pour permettre de faire varier le pas et donc de fabriquer des pièces différentes dans la même structure, celle-ci comporte une série de postes de travail (porte-poinçon et matrice) dont les dimensions sont telles qu'elles permettent d'adapter l'écartement des poinçons (20, 21, 22, 23) au pas choisi. Application de la technique de fabrication à la bande aux petites et moyennes séries.

IPC 1-7

**B21D 37/02**; **B21D 37/08**

IPC 8 full level

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CPC (source: EP US)

**B21D 37/02** (2013.01 - EP US); **B21D 37/08** (2013.01 - EP US); **Y10T 83/8745** (2015.04 - EP US)

Citation (search report)

- [A] GB 2064402 A 19810617 - BAXENDALE & SONS LTD
- [A] FR 2263836 A1 19751010 - GREGOROVIC DRAGUTIN [BE]
- [A] US 1462733 A 19230724 - RECHERER JR GEORGE
- [A] US 1402284 A 19220103 - DANIELS GEORGE H
- [A] US 1768294 A 19300624
- [A] US 2989936 A 19610627 - FARNSWORTH SIDNEY W, et al
- [A] US 3060845 A 19621030 - KENT WILLIAM C
- [A] GB 2063137 A 19810603 - TOYO SEIKAN KAISHA LTD

Cited by

DE3703649A1; EP0342103A1; FR2630939A1; FR2596700A1; CN106984692A; EP0776711A1; US5791186A; FR3061864A1

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