

Title (en)

Continuous drawing method for straight drawing operations and device that employs the method.

Title (de)

Kontinuierliches Ziehverfahren zum Geradeziehen und Vorrichtung zur Durchführung des Verfahrens.

Title (fr)

Procédé d'étirage continu pour l'étirage droit et dispositif à cet effet.

Publication

**EP 0433767 A1 19910626 (EN)**

Application

**EP 90123300 A 19901205**

Priority

IT 8354189 A 19891219

Abstract (en)

Continuous drawing method and device (10) straight drawing operations, whereby the drawing is carried out with a pair of tracked or chain means (12-112) that bear drawing clamps (15-115), the tracked or chain means (12-112) comprising means (17-18-19) to adjust the distance between centres of the tracked or chain means (12-112) in relation to a drawing axis (13) so as to adapt that distance to the various drawing diameters, the adjustment of the distance between centres of the tracked or chain means (12-112) and the final clamping of the material being drawn between the drawing clamps (15-115) taking place in at least two working steps, the first of these at least two steps providing for the approach of the tracked or chain means (12-112) to the drawing axis (13) with substantially mechanical methods and advantageously bringing one of the two tracked or chain means (12-112) to its final drawing position, whereas the other tracked or chain means (12-112) is halted at a position separated by a desired amount from its final position, while the second of at least two steps arranges for the final positioning of that other tracked or chain means (12-112) by means of an actuation with a fluid. The device (10) comprising the following working units: first displacement means (21-121) connected to the means (17-18-19) that adjust the distance between centres, second displacement means (22-122) slidably coupled to the first displacement means (21-121) and connected to their respective tracked or chain means (12-112), and a chamber (23) to hold fluid, which is positioned between the first (21-121) and second (22-122) displacement means and can be filled momentarily with fluid under pressure. I

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [A] US 2797798 A 19570702 - WILLIAM HALLDEN KARL
- [A] US 2642280 A 19530616 - FISK GUSTAF L

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