

Title (en)

Process and apparatus for the cold extrusion of metal bushings, in particular, for tracks of track-laying tractors and the like.

Title (de)

Verfahren und Vorrichtung zum Kaltfließpressen von Metallbuchsen, insbesondere für Raupenketten von Raupenfahrzeugen.

Title (fr)

Procédé et dispositif pour l'extrusion à froid de coussinets métalliques, notamment pour chaînes de véhicules à chenilles.

Publication

EP 0003773 A1 19790905 (EN)

Application

EP 79100356 A 19790208

Priority

IT 4809478 A 19780217

Abstract (en)

Process and apparatus for the cold extrusion of bushings (2) from cylindrical metal pieces or slabs, carried out by means of a single extrusion step, performed into an apparatus comprising a press body with a reciprocating punch (4), cooperating with a coaxial press die (8), including a coaxial seat adapted to receive the metal slab to be transformed in a bushing as well as a upper sleeve (6), slidably mounted about said punch and acting as guiding means for correctly centering said punch with regard of said piece during the extrusion step.

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

B21C 23/03 (2013.01); **B21C 23/20** (2013.01); **B21K 1/02** (2013.01)

Citation (search report)

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- GB 836706 A 19600609 - KABEL UND METALLWERKE NEUMEYER
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