

Title (en)

METHOD FOR PRODUCING ELONGATE-SHAPED ELEMENTS MADE OF MAGNESIUM OR MAGNESIUM ALLOYS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON STRANGFÖRMIGEN PRODUKTEN AUS MAGNESIUM ODER MAGNESIUMLEGIERUNGEN

Title (fr)

PROCEDE DE FABRICATION DE PRODUITS ALLONGES EN MAGNESIUM OU EN ALLIAGE DE MAGNESIUM

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Application

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Abstract (en)

[origin: WO03018225A1] The invention relates to a method for producing elongate-shaped elements, such as wires, rods and pipes made of magnesium or magnesium alloys by slip-type drawing at room temperature. The aim of the invention is to develop a method which enables magnesium wires, rods and pipes to be produced by cold-drawing. According to said a method, this is achieved by subjecting the materials to surface treatment before the deformation thereof, guaranteeing a surface roughness which is as low as possible, the value of the average surface roughness being  $R_z < 12 \mu m$ . The cold-adherent is carried out by using solid-adherent lubricant coatings on the deformation items.

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