Title (en)

METHOD AND DEVICE FOR PROCESSING MAGNESIUM OR MAGNESIUM ALLOY EXTRUDED PROFILE SEGMENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BEARBEITEN VON STRANGGEPRESSTEN PROFILABSCHNITTEN AUS MAGNESIUM ODER MAGNESIUMLEGIERUNGEN

Title (fr)

PROCÉDÉ ET DISPOSITIF DE FAÇONNAGE DE TRONÇONS PROFILÉS EXTRUDÉS EN MAGNÉSIUM OU ALLIAGE DE MAGNÉSIUM

Publication

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Application

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Abstract (en)

[origin: CA2943826A1] The invention for processing extruded profile segments with regard to the outer contour thereof by hot sizing and/or hot stamping and/or cutting operations and/or piercing operations comprises the following steps: inserting the profile segments (1) heated to a temperature in the range of 250 to 450°C into a two-part sizing tool (2) pre-heated to a temperature of 300 to 600°C, and applying pressure to the sizing tool (2) by means of one or more pressing cylinders (3) of a press (4). The device for performing the method comprises a press (4) and a sizing tool, wherein the sizing tool (2) is formed by two tool halves (I, II), which can be moved toward each each other and between which the profile segment (1) is inserted.

IPC 8 full level

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