

Title (en)

SHEET METAL MADE OF A MAGNESIUM BASE ALLOY AND METHOD FOR PRODUCING A SHEET METAL AND A SHEET METAL COMPONENT FROM SAID ALLOY

Title (de)

BLECH AUS EINER MAGNESIUMBASISLEGIERUNG UND VERFAHREN ZUR HERSTELLUNG EINES BLECHES UND BLECHBAUTEILS AUS DIESER

Title (fr)

FEUILLE MÉTALLIQUE EN ALLIAGE À BASE DE MAGNÉSIUM ET PROCÉDÉ DE FABRICATION D'UNE FEUILLE MÉTALLIQUE ET D'UN ÉLÉMENT CONSTITUÉ DE CETTE FEUILLE MÉTALLIQUE

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Application

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Abstract (en)

[origin: WO2018087139A1] The invention relates to a magnesium alloy comprising in percent by weight: 0.35 % to 0.95 % of aluminum, 0.1 % to 0.6 % of calcium, 0.1 % to 0.6 % of manganese, the remainder being magnesium and production-related impurities. The invention further relates to the casting and rolling of said alloy and to the forming and aging for increasing the strength of sheet metal parts.

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