

Title (en)

MAGNESIUM ALLOY AND ITS PROCESS OF MANUFACTURE

Title (de)

MAGNESIUMLEGIERUNG UND VERFAHREN ZUR HERSTELLUNG DERSELBEN

Title (fr)

ALLIAGE DE MAGNESIUM ET SON PROCÉDÉ DE FABRICATION

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Abstract (en)

[origin: CA3137604A1] The invention relates to a magnesium alloy. In order to achieve a magnesium alloy having both a high strength and a high deformability, a magnesium alloy is provided according to the invention, which comprises (in at.%) 15.0 % to 70.0 % of lithium, more than 0.0 % of aluminum, the remainder being magnesium and production-related impurities, wherein the ratio aluminum to magnesium (in at.%) is 1:6 to 4:6. The invention also relates to a method for producing the magnesium alloy.

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