

Title (en)

METHOD FOR PROVIDING MAGNESIUM ALLOYS WITH SUPERPLASTIC PROPERTIES

Title (de)

VERFAHREN ZUR EINSTELLUNG VON SUPERPLASTISCHEN EIGENSCHAFTEN IN MAGNESIUMLEGIERUNGEN

Title (fr)

PROCEDE PERMETTANT DE CONFERER DES PROPRIETES SUPERPLASTIQUES A DES ALLIAGES DE MAGNESIUM

Publication

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Application

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Abstract (en)

[origin: WO0155467A2] The invention relates to a method for producing magnesium alloys with a superplastic structure using a deformation process, followed by quick cooling. The magnesium-based alloy is initially pre-heated to a temperature of 340 -380 DEG C and is subsequently deformed. The semi-finished product thus obtained is cooled down at high speed to an ambient temperature immediately after deformation.

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Cited by

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