

Title (en)  
GEARBOX HOUSING

Title (de)  
GETRIEBEGEHÄUSE

Title (fr)  
CARTER DE BOITE DE VITESSES

Publication  
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Application  
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Abstract (en)  
[origin: WO2004104450A1] It is customary to produce gearbox housings, in particular for motor vehicles, from a light metal or a light-metal alloy, such as for example aluminium or an aluminium alloy. The aim of the invention is to provide a gearbox housing consisting of a light metal or a light-metal alloy, the weight of said housing being further reduced and said housing exhibiting improved flow and cooling characteristics during production. To achieve this, the light metal or light-metal alloy is magnesium or a magnesium alloy and transversal ribs (17) extend from the radii (16) of the rounded sections. The invention thus relates to a gearbox housing consisting of magnesium or a magnesium alloy for an automatic gearbox of a motor vehicle.

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