

Title (en)
MULTI-LAYER SLIDING-BEARING ELEMENT

Title (de)
MEHRSCHICHTGLEITLAGERELEMENT

Title (fr)
ÉLÉMENT DE PALIER LISSE MULTICOUCHE

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Application
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Abstract (en)
[origin: WO2018140997A1] The invention relates to a multi-layer sliding-bearing element (1) comprising a support layer (2) and a layer (3) arranged thereon, said layer (3) consisting of an aluminum base alloy with aluminum as the main component, wherein the aluminum base alloy contains between 0 wt.-% and 7 wt.-% tin, between 1.1 wt.-% and 1.9 wt.-% copper, between 0.4 wt.-% and 1 wt.-% manganese, between 0.05 wt.-% and 0.18 wt.-% cobalt, between 0.05 wt.-% and 0.18 wt.-% chromium, between 0.03 wt.-% and 0.1 wt.-% titanium, between 0.05 wt.-% and 0.18 wt.-% zirconium and between 0 wt.-% and 0.4 wt.-% silicon and the remainder adding up to 100 wt.-% is aluminum and unavoidable impurities potentially originating from the production of the elements, with the proviso that, in any case, tin or silicon are contained in the aluminum base alloy.

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