

Title (en)
COATED RESHAPED ALUMINIUM SEMI-FINISHED PRODUCTS AND/OR COMPONENTS AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
BESCHICHTETE ALUMINIUMHALBZEUGE UND/ODER -BAUTEILE UND VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
DEMI-PRODUITS ET/OU ELEMENTS EN ALUMINIUM FACONNES ET ENDUITS, ET PROCEDE DE FABRICATION ASSOCIE

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Application
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Abstract (en)
[origin: US2004105972A1] The invention relates to the field of chemistry and concerns coated reshaped aluminum semi-finished products and/or components which are coated with a two-step hardening/cross-linking coating agent and a method for the production thereof. The aim of the invention is to disclose and to produce coated reshaped aluminum semi-finished products and/or components which as semi-finished products can still be re-shaped and hardened at high temperatures. The object is attained through coated reshaped aluminum semi-finished products and/or components which are coated with an at least two-step hardening/cross-linking coating agent and at most partially hardened/cross linked, and the formed coating film is elastic. The object is also attained through a method in which aluminum semi-finished products and/or components are coated with at least one coating agent and the layer(s) in a first step are covered with film and partially hardened/partially cross-linked and substantially hardened/cross-linked in an at least second step during and/or after at least one reshaping process.

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