

Title (en)

HIGH-ALUMINUM ALLOY FOR GENERAL GALVANIZING

Title (de)

ALUMINIUMREICHE LEGIERUNG FÜR DIE ALLGEMEINE GALVANISIERUNG

Title (fr)

ALLIAGE À HAUTE TENEUR EN ALUMINIUM POUR GALVANISATION GÉNÉRALE

Publication

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Application

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Abstract (en)

[origin: WO2007146161A1] The present invention relates to compositions and processes for the production of high-aluminum alloy. More specifically the patent relates to compositions and processes for the production of high-aluminum alloy for general galvanizing of ferrous materials. In one embodiment, the present invention relates to a unique combination of a zinc-ammonium flux and a molten zinc-aluminum alloy bath containing silicon. The present invention also relates to an improvement in the fluxing step used in the galvanizing process for iron and steel, and high aluminum-content steel made using that improved process.

IPC 8 full level

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CPC (source: EP US)

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