

Title (en)

ALUMINIUM-COPPER-LITHIUM ALLOY PRODUCTS

Title (de)

ALUMINIUM-KUPFER-LITHIUM-LEGIERUNGSPRODUKTE

Title (fr)

PRODUITS EN ALLIAGE ALUMINIUM-CUIVRE-LITHIUM

Publication

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Application

EP 18724941 A 20180409

Priority

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Abstract (en)

[origin: CA3058021A1] The invention relates to a product made of an aluminium-based alloy comprising, by wt. %, Cu: 2.5-3.4; Li: 1.6-2.2; Mg: 0.4-0.9; Mn: 0.2-0.6, Zr: 0.08-0.18; Zn: < 0.4; Ag: < 0.15; Fe + Si = 0.20; at least one element selected from Ti, Se, Cr, Hf and V, the content of the element, if selected, being: Ti: 0.01-0.15; Se: 0.01-0.15; Cr: 0.01-0.3; Hf: 0.01-0.5; V: 0.01-0.3; other elements = 0.05 each and = 0.15 in total; the remainder being aluminium. The invention also relates to a method for manufacturing an aluminum alloy-based, extruded, rolled and/or forged product, and a structural element incorporating at least one product as described above.

IPC 8 full level

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