

Title (en)
ALUMINUM ALLOYS

Title (de)
ALUMINIUMLEGIERUNGEN

Title (fr)
ALLIAGES D'ALUMINIUM

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Application
EP 12789530 A 20120521

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Abstract (en)
[origin: US2012291926A1] The disclosure relates to an alloy comprising, by weight, about 5.8% to about 6.8% zinc, about 2.5% to about 3.0% magnesium, about 1.5% to about 2.3% copper, 0% to about 0.2% scandium, 0% to about 0.2% zirconium, and optionally less than about 0.50% silver, the balance essentially aluminum and incidental elements and impurities. In embodiments, the alloy has a stress-corrosion cracking threshold stress of at least about 240 MPa using an ASTM G47 short-transverse test specimen and a yield strength of at least about 510 MPa using an ASTM E8 longitudinal test specimen.

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