

Title (en)
6XXX ALUMINUM ALLOYS

Title (de)
6XXX-ALUMINIUMLEGIERUNGEN

Title (fr)
ALLIAGES D'ALUMINIUM 6XXX

Publication
EP 3891315 A4 20221026 (EN)

Application
EP 19892594 A 20191203

Priority
• US 201862775746 P 20181205
• US 2019064148 W 20191203

Abstract (en)
[origin: WO2020117748A1] New 6xxx aluminum alloys having an improved combination of properties are disclosed. The new 6xxx aluminum alloy generally include 0.65 - 0.85 wt. % Si, 0.40 - 0.59 wt. % Mg, wherein (wt. % Mg) / (wt. % Si) is from 0.47 to 0.90, 0.05 - 0.35 wt. % Fe, 0.04 - 0.13 wt. % Mn, 0 - 0.20 wt. % Cu, 0 - 0.15 wt. % Cr, 0 - 0.15 wt. % Zr, 0 - 0.15 wt. % Ti, 0 - 0.10 wt. % Zn, 0 - 0.05 wt. % V, the balance being aluminum and impurities.

IPC 8 full level
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