

Title (en)

HIGH CORROSION RESISTANT ALUMINIUM ALLOY CONTAINING ZIRCONIUM

Title (de)

KORROSIONSBESTÄNDIGE ALUMINIUMLEGIERUNG MIT ZIRCON

Title (fr)

ALLIAGE D'ALUMINIUM CONTENANT DU ZIRCONIUM HAUTEMENT RESISTANT A LA CORROSION

Publication

**EP 0996754 A1 20000503 (EN)**

Application

**EP 98942668 A 19980710**

Priority

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- EP 9804956 W 19980710
- EP 97202233 A 19970717

Abstract (en)

[origin: EP0893512A1] An aluminium-based alloy consisting of 0,10 - 0,40% by weight of iron, 0,05 - 0,25% by weight of silicon, 0,05 - 0,20% by weight of zirconium and the balance aluminium and incidental impurities, said aluminium-based alloy exhibiting high corrosion resistance and high tensile strength. Optional elements are 0,05 - 0,40% by weight of manganese and 0,05 - 0,30% by weight of chromium.

IPC 1-7

**C22C 21/00; F28F 21/08**

IPC 8 full level

**F28F 21/08** (2006.01); **C22C 21/00** (2006.01); **C22C 38/00** (2006.01); **C22C 38/04** (2006.01); **C22C 38/12** (2006.01); **C22C 38/14** (2006.01)

CPC (source: EP KR)

**C22C 21/00** (2013.01 - EP KR); **C22C 38/002** (2013.01 - EP); **C22C 38/04** (2013.01 - EP); **C22C 38/12** (2013.01 - EP); **C22C 38/14** (2013.01 - EP)

Citation (search report)

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IL 13403798 A 19980710; JP 2000503254 A 19980710; KR 19997011882 A 19991216; TR 9902872 T 19980710