

Title (en)
ALUMINUM ALLOY PRODUCT

Title (de)
ALUMINIUMLEGIERUNGSPRODUKT

Title (fr)
ALLIAGE D'ALUMINIUM

Publication
EP 0958393 B1 20021211 (EN)

Application
EP 97906549 A 19970210

Priority
• US 9702117 W 19970210
• US 38103295 A 19950131

Abstract (en)
[origin: WO9835068A1] An aluminum alloy product for use as a damage tolerant product for aerospace applications, including fuselage skin stock. The aluminum alloy composition contains about 3-7 wt.% magnesium, about 0.03-0.2 wt.% zirconium, about 0.2-1.2 wt.% manganese, up to 0.15 wt.% silicon and about 0.05-0.5 wt.% of a dispersoid-forming element selected from the group consisting of scandium, erbium, yttrium, gadolinium, holmium and hafnium, the balance being aluminum and incidental elements and impurities.

IPC 1-7
C22C 21/06

IPC 8 full level
C22C 21/06 (2006.01)

CPC (source: EP KR)
C22C 21/06 (2013.01 - EP KR); **C22F 1/047** (2013.01 - EP)

Cited by
RU2599590C1; US7584778B2; US7854252B2; US9410445B2

Designated contracting state (EPC)
DE ES FR GB IT NL

DOCDB simple family (publication)
WO 9835068 A1 19980813; AU 2121197 A 19980826; CA 2280191 A1 19980813; CA 2280191 C 20070731; DE 69717858 D1 20030123; DE 69717858 T2 20030731; EP 0958393 A1 19991124; EP 0958393 B1 20021211; ES 2188897 T3 20030701; JP 2001511847 A 20010814; JP 4014229 B2 20071128; KR 100469929 B1 20050202; KR 20000070878 A 20001125

DOCDB simple family (application)
US 9702117 W 19970210; AU 2121197 A 19970210; CA 2280191 A 19970210; DE 69717858 T 19970210; EP 97906549 A 19970210; ES 97906549 T 19970210; JP 53428098 A 19970210; KR 19997007143 A 19990806