

Title (en)

A method of producing an unrecrystallized aluminum based thin gauge flat rolled, heat treated product.

Title (de)

Verfahren zur Herstellung eines nichtkristallisierten, flachgewalzten, dünnen, wärmebehandelten Produktes auf Aluminiumbasis.

Title (fr)

Procédé de fabrication d'un produit mince à base d'aluminium, non recristallisé, laminé à plat et thermiquement traité.

Publication

**EP 0368005 A1 19900516 (EN)**

Application

**EP 89118810 A 19891010**

Priority

- US 25652088 A 19881012
- US 25652188 A 19881012
- US 25684088 A 19881012

Abstract (en)

A treatment of aluminum alloy produces an unrecrystallized Al-Zn-Mg thin gauge flat rolled product having improved levels of strength and fracture toughness. The method comprises providing a body of a Zn-Mg containing aluminum base alloy, working the body to a flat rolled product and then subjecting the product to a ramp anneal followed by solution heat treating, quenching and aging as shown in Fig. 1. The rolled product may be subjected to an isothermal soak before annealing. The working may comprise intermediate heat treating.

IPC 1-7

**C22C 21/10**; **C22F 1/04**; **C22F 1/053**

IPC 8 full level

**C22C 21/10** (2006.01); **C22F 1/00** (2006.01); **C22F 1/04** (2006.01); **C22F 1/053** (2006.01); **C22F 1/057** (2006.01)

CPC (source: EP)

**C22C 21/10** (2013.01); **C22F 1/04** (2013.01); **C22F 1/053** (2013.01); **C22F 1/057** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 0368005 A1 19900516**; **EP 0368005 B1 19960911**; DE 68927149 D1 19961017; DE 68927149 T2 19970403; JP H02194153 A 19900731

DOCDB simple family (application)

**EP 89118810 A 19891010**; DE 68927149 T 19891010; JP 26608389 A 19891012