

Title (en)  
METHOD OF PRODUCING A COMPONENT

Title (de)  
VERFAHREN ZUR HERSTELLUNG EINES BAUTEILS

Title (fr)  
METHODE DE PRODUCTION D'UN ELEMENT DE CONSTRUCTION

Publication  
**EP 0902842 B2 20070606 (DE)**

Application  
**EP 97920475 A 19970516**

Priority  
• EP 97920475 A 19970516  
• CH 9700193 W 19970516  
• EP 96810325 A 19960522

Abstract (en)  
[origin: EP0808911A1] Building component is made of an alloy containing (in wt.%): 0.3-1.6 Si, 0.3-1.3 Mg, max. 0.5 Fe, max. 0.9 Cu, max. 0.5 Mn, 0.05-0.3 V, max. 0.3 Co, max. 0.3 Cr, max. 0.8 Ni, max. 0.3 Zr, max. 0.05 other alloying elements, and a balance of Al.

IPC 8 full level  
**C22C 21/08** (2006.01); **C22C 21/02** (2006.01); **C22F 1/043** (2006.01); **C22F 1/05** (2006.01)

CPC (source: EP US)  
**C22C 21/02** (2013.01 - EP US); **C22C 21/08** (2013.01 - EP US); **C22F 1/043** (2013.01 - EP US); **C22F 1/05** (2013.01 - EP US)

Citation (opposition)  
Opponent :  
• EP 0787217 B1 19980513 - PECHINEY RHENALU [FR]  
• FR 2273077 A1 19751226 - CEGEDUR [FR]  
• FR 1325565 A 19630426 - SULZER AG  
• DIN EN 515, DEUTSCHE NORM, 1993  
• Develay R., "Traitements thermiques des alliages d'aluminium", Techniques de l'ingénieur, M 1290-92, 1983, 17 Seiten  
• "Registration Record of International Alloy Designations and Chemical Composition Limits for Wrought Aluminum and Wrought Aluminum alloys", The Aluminum Association, June 1994, Washington, USA, 2 Seiten  
• Huftnagel W., "Aluminium-Taschenbuch", 14. Auflage, 1983, Aluminium- Verlag, Düsseldorf, Deutschland, Seiten 1040-1041, 140-141  
• Evans D. W. und Aucote J., "The Influence of Silicon Content and Copper, Iron and Manganese Additions on the Relationship between Structure and Toughness in Aluminium-Magnesium-Silicon Alloys" ET 84: Extrusion Productivity through Automation, Vol. 1, Atlanta, 24-26 April 1984, 10 Seiten

Cited by  
EP2072628A1; DE102007012894A1; EP1785499A2

Designated contracting state (EPC)  
AT BE CH DE ES FI FR GB IT LI NL SE

DOCDB simple family (publication)  
**EP 0808911 A1 19971126**; AT E205261 T1 20010915; AU 2688197 A 19971209; DE 59704542 D1 20011011; EP 0902842 A1 19990324; EP 0902842 B1 20010905; EP 0902842 B2 20070606; ES 2162285 T3 20011216; US 6685782 B1 20040203; WO 9744501 A1 19971127; ZA 974318 B 19980130

DOCDB simple family (application)  
**EP 96810325 A 19960522**; AT 97920475 T 19970516; AU 2688197 A 19970516; CH 9700193 W 19970516; DE 59704542 T 19970516; EP 97920475 A 19970516; ES 97920475 T 19970516; US 19429498 A 19981123; ZA 974318 A 19970519