

Title (en)  
ALUMINIUM ALLOYS FOR NUCLEAR APPARATUS

Publication  
**EP 0110190 B1 19870211 (EN)**

Application  
**EP 83111019 A 19831104**

Priority  
IT 2445782 A 19821126

Abstract (en)  
[origin: EP0110190A1] Aluminium alloys having the following composition (% by weight): - Mg 0.2-4.0% - V 0.1-2.0% - Si (in case) 0.05-1.0% - other possible elements: total quantity less than 1000 p.p.m. - Al balance to 100%. The use of said alloys in nuclear apparatus, in particular in the first wall of nuclear fusion reactors.

IPC 1-7  
**C22C 21/06**

IPC 8 full level  
**C22C 21/06** (2006.01)

CPC (source: EP)  
**C22C 21/06** (2013.01)

Citation (examination)  
METALS Handbook, Desk edition 1985, American Society for metals, page 6.1

Cited by  
EP0808911A1; GB2173214A; EP0967294A1; US6994759B1; WO0000654A1

Designated contracting state (EPC)  
AT BE CH DE FR GB LI LU NL SE

DOCDB simple family (publication)  
**EP 0110190 A1 19840613; EP 0110190 B1 19870211**; AT E25467 T1 19870215; DE 3369796 D1 19870319; IT 1154589 B 19870121; IT 8224457 A0 19821126; IT 8224457 A1 19840526

DOCDB simple family (application)  
**EP 83111019 A 19831104**; AT 83111019 T 19831104; DE 3369796 T 19831104; IT 2445782 A 19821126