

Title (en)
MAGNESIUM ALLOYING

Title (de)
HERSTELLUNG EINER LEGIERUNG AUF MAGNESIUMBASIS

Title (fr)
PRODUCTION D'UN ALLIAGE A BASE DE MAGNESIUM

Publication
EP 1073774 A4 20020123 (EN)

Application
EP 99910034 A 19990322

Priority
• AU 9900189 W 19990322
• AU PP246998 A 19980320

Abstract (en)
[origin: WO9949089A1] A method is provided for producing an Mg-Al alloy in an alloying vessel containing molten Mg or molten Mg alloy. The method includes the steps of establishing the temperature of the molten Mg or Mg alloy in the range of 650-750 DEG C and thereafter adding a solid master alloy containing Al and Mn to the alloying vessel whereby Mn is released for reaction with Fe in the alloying vessel.

IPC 1-7
C22C 1/03; **C22C 21/06**; **C22C 23/02**; **C22C 1/02**

IPC 8 full level
C22C 1/03 (2006.01); **C22C 21/06** (2006.01); **C22C 23/02** (2006.01)

CPC (source: EP)
C22C 1/03 (2013.01); **C22C 21/06** (2013.01); **C22C 23/02** (2013.01)

Citation (search report)
• [A] US 4179287 A 19791218 - KOSTO TIMOTHY J [US]
• [X] PATENT ABSTRACTS OF JAPAN vol. 1996, no. 06 28 June 1996 (1996-06-28)
• [A] EDITOR-IN-CHIEF THADDEUS B. MASSALSKI: "Binary Alloy Phase Diagrams", December 1990, WILLIAM W. SCOTT, JR., USA, XP002182507
• [A] I. J. POLMEAR: "Light Alloys, Metallurgy of the light metals", 1995, ARNOLD, GB, LONDON, XP002182508
• See references of WO 9949089A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
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