

Title (en)  
METHOD FOR PRODUCING MAGNESIUM BASE ALLOY FORMED ARTICLE

Title (de)  
VERFAHREN ZUR HERSTELLUNG VON FORMKÖRPERN AUS MAGNESIUMBASISLEGIERUNG

Title (fr)  
PROCEDE DE PRODUCTION D'ARTICLE EN ALLIAGE DE MAGNESIUM

Publication  
**EP 1645651 B1 20090701 (EN)**

Application  
**EP 04726905 A 20040412**

Priority  
• JP 2004005226 W 20040412  
• JP 2003155476 A 20030530

Abstract (en)  
[origin: EP1645651A1] The present invention provides a producing method of a magnesium-based alloy wrought product capable of producing a plastic processing wrought product made of magnesium-based alloy with excellent productivity. A drawn material made of magnesium-based alloy obtained by drawing processing is subjected to plastic processing into a wrought product at processing temperature of lower than 250°C. Since the alloy structure is finely divided by the drawing processing, plastic workability can be enhanced in the plastic processing even if the processing temperature is lower than 250°C. Examples of the plastic processing are forging processing, swaging processing and bending processing.

IPC 8 full level  
**B21J 5/00** (2006.01); **C22F 1/06** (2006.01); **B21J 1/02** (2006.01); **B21J 5/06** (2006.01); **C22C 23/02** (2006.01); **C22C 23/04** (2006.01); **C22F 1/00** (2006.01)

CPC (source: EP KR US)  
**B21J 1/02** (2013.01 - EP US); **B21J 5/00** (2013.01 - EP US); **C22C 23/02** (2013.01 - KR); **C22F 1/06** (2013.01 - EP KR US)

Cited by  
CN103243282A; EP2373139A4

Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
**EP 1645651 A1 20060412**; **EP 1645651 A4 20070509**; **EP 1645651 B1 20090701**; CN 100476012 C 20090408; CN 1798857 A 20060705; DE 602004021808 D1 20090813; JP 2004353067 A 20041216; JP 4332889 B2 20090916; KR 100727211 B1 20070613; KR 20060003908 A 20060111; TW 200500473 A 20050101; TW I279446 B 20070421; US 2007169858 A1 20070726; WO 2004106576 A1 20041209

DOCDB simple family (application)  
**EP 04726905 A 20040412**; CN 200480015131 A 20040412; DE 602004021808 T 20040412; JP 2003155476 A 20030530; JP 2004005226 W 20040412; KR 20057022136 A 20051119; TW 93115213 A 20040528; US 55643404 A 20040412