

Title (en)

Magnesium-calcium alloys for debismuthizing lead

Title (de)

Magnesium-Calcium-Legierungen zur Entwismutierung von Blei

Title (fr)

Alliages de magnésium-calcium pour la débismuthation du plomb

Publication

**EP 0343012 B2 20020918 (EN)**

Application

**EP 89305122 A 19890519**

Priority

CA 567408 A 19880520

Abstract (en)

[origin: EP0343012A2] A novel alloy for use in lead refining is disclosed which comprises magnesium and calcium. The preferred ratio on a weight basis of magnesium to calcium is between 1.2 and 5.2. A method of adding this alloy to a lead bath is described which brings calcium into solution with the lead and provides a high recovery ratio.

IPC 1-7

**C22B 13/08**

IPC 8 full level

**C22B 13/02** (2006.01); **C22B 9/10** (2006.01); **C22B 13/06** (2006.01); **C22C 23/00** (2006.01)

CPC (source: EP)

**C22B 13/06** (2013.01)

Cited by

US5041160A; BE1007044A3; FR2807768A1; US6840980B2; WO0179570A1

Designated contracting state (EPC)

AT BE DE ES FR GB GR IT SE

DOCDB simple family (publication)

**EP 0343012 A2 19891123**; **EP 0343012 A3 19910109**; **EP 0343012 B1 19950913**; **EP 0343012 B2 20020918**; AT E127859 T1 19950915; AU 2451588 A 19891123; AU 620822 B2 19920227; DE 68924194 D1 19951019; DE 68924194 T2 19961128; DE 68924194 T3 20030130; ES 2076961 T3 19951116; GR 3018160 T3 19960229; JP 2714984 B2 19980216; JP H0270038 A 19900308; YU 102489 A 19911031

DOCDB simple family (application)

**EP 89305122 A 19890519**; AT 89305122 T 19890519; AU 2451588 A 19881028; DE 68924194 T 19890519; ES 89305122 T 19890519; GR 950403278 T 19951122; JP 12465789 A 19890519; YU 102489 A 19890518