

Title (en)

Zinc-based alloys and their application to industrial processes.

Title (de)

Legierungen auf Zink-Basis und ihre Verwendung bei industriellen Verfahren.

Title (fr)

Alliages à base de zinc et leur application dans les procédés industriels.

Publication

**EP 0531209 A1 19930310 (EN)**

Application

**EP 92402400 A 19920903**

Priority

MX 9100915 A 19910903

Abstract (en)

The present invention relates to zinc-based alloys having remarkably improved physical properties, characterized in that their composition is in a percentual ratio by weight of Zn:69-79, Al:20-30 and Cu:1-8. The present invention also refers to zinc-based alloys which, besides having the above mentioned composition, have incorporated therein between .001 and 1 per cent by weight of Mg. Due to their characteristics, these alloys are very appropriate for various transformation processes, among which are included smelting, pressure injection, direct or reverse extrusion, sheet rolling, open and closed die forging, precision forging, stamping, stretching, wire drawing, machining, and even the novel process of liquid metal forging.

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**C22C 18/04**

IPC 8 full level

**C22C 18/04** (2006.01); **C22B 19/04** (2006.01)

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Citation (search report)

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