

Title (en)
PROCESS FOR THE PRODUCTION OF A COPPER, ZINC AND ALUMINIUM BASE MEMORY ALLOY BY POWDER METALLURGY TECHNIQUE

Publication
EP 0035602 B1 19840704 (DE)

Application
EP 80200186 A 19800303

Priority
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Abstract (en)
[origin: WO8102587A1] The fine particle memory alloy, of the Cu/Zn/Al, obtained in a high temperature phase, is prepared by powder metallurgy technique and comprises dispersoids in the shape of Y_2O_3 - et/or TiO_2 - particles which are introduced in the matrix and prevent grain growth. The preparation is carried out by using a mechanical alloying.

IPC 1-7
C22C 9/04; **C22C 1/04**

IPC 8 full level
C22F 1/08 (2006.01); **C22C 1/04** (2006.01); **C22C 32/00** (2006.01); **C22F 1/00** (2006.01)

CPC (source: EP US)
C22C 32/0021 (2013.01 - EP US); **C22F 1/006** (2013.01 - EP US)

Cited by
EP0407596A4; EP0035070B1

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EP 0035602 A1 19810916; **EP 0035602 B1 19840704**; DE 3068396 D1 19840809; DE 3103882 A1 19820401; JP S57500512 A 19820325; US 4398969 A 19830816; WO 8102587 A1 19810917

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EP 80200186 A 19800303; CH 8100024 W 19810302; DE 3068396 T 19800303; DE 3103882 A 19810205; JP 50075281 A 19810302; US 32096681 A 19811103