

Title (en)  
HOT CHAMBER CASTABLE ZINC ALLOY

Title (de)  
ZINKLEGIERUNG FÜR DRUCKGIESSEN IM WARMER DRUCKKAMMER

Title (fr)  
ALLIAGE DE ZINC COULABLE EN CHAMBRE CHAUDE

Publication  
**EP 0771365 A1 19970507 (FR)**

Application  
**EP 95926933 A 19950712**

Priority  
• BE 9400676 A 19940718  
• EP 9502820 W 19950712

Abstract (en)  
[origin: WO9602682A1] Alloy containing, in percentage by weight, (a) either 15-20 Al and 8-10 Cu, or 25-30 Al and 15-20 Cu; and (b) 0.01-2 Si, 0-0.1 Mg, 0-0.5 Ti, 0-0.5 Cr, 0-1Mn, 0-0.5 Nb and 0-0.1 of a metal or a mixture of rare earth metals, the remainder being zinc. The alloy has excellent creep and tensile strength, when it contains 15-20 Al and 8-10 Cu weight percent, and excellent creep and tensile strength when it contains 25-30 Al and 15-20 Cu.

IPC 1-7  
**C22C 18/04**

IPC 8 full level  
**C22C 18/04** (2006.01)

CPC (source: EP)  
**C22C 18/04** (2013.01)

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