

Title (en)
HOT CHAMBER CASTABLE ZINC ALLOY

Title (de)
ZINKLEGIERUNG FÜR DRUCKGIESSEN IN WARMER DRUCKKAMMER

Title (fr)
ALLIAGE DE ZINC COULABLE EN CHAMBRE CHAUDE

Publication
EP 0771365 B1 19981104 (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.

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C22C 18/04

IPC 8 full level
C22C 18/04 (2006.01)

CPC (source: EP)
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