

Title (en)

Highly heat-conductive alloy for pressure casting and cast alloy thereof

Title (de)

Gut wärmeleitende Aluminium-Legierung zum Druckgiessen und hergestelltes Gussstück

Title (fr)

Alliage d'aluminium à haute conductivité thermique pour coulée sous pression et pièce coulée

Publication

EP 1130125 A2 20010905 (EN)

Application

EP 01301441 A 20010219

Priority

- JP 2000057233 A 20000302
- JP 2000190655 A 20000626

Abstract (en)

A highly heat-conductive alloy for pressure casting is provided including Cu in an amount of 0.10% or less, Si in an amount of 5% to 16%, Mg in an amount of 0.20% or less, Zn in an amount of 0.10% or less, Fe in an amount of 0.20% to 1.0%, Mn in an amount of 0.20% or less, Ni in an amount of 0.05% or less, Ti in an amount of 0.05% or less, Pb in an amount of 0.06% or less, Sn in an amount of 0.05% or less, Cr in an amount of 0.10%, and Al forming the balance.

IPC 1-7

C22C 21/02

IPC 8 full level

B22D 17/00 (2006.01); **C22C 21/02** (2006.01)

CPC (source: EP US)

C22C 21/02 (2013.01 - EP US)

Cited by

CN113005335A; CN109332631A; CN110735071A; US10927436B2; WO2016145644A1

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DOCDB simple family (publication)

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