

Title (en)

ALUMINUM ALLOY DIE-CAST PRODUCT

Title (de)

DRUCKGUSSPRODUKT AUS ALUMINIUMLEGIERUNG

Title (fr)

PRODUIT EN ALLIAGE D'ALUMINIUM COULÉ SOUS PRESSION

Publication

**EP 3196323 A1 20170726 (EN)**

Application

**EP 14904322 A 20141215**

Priority

- JP 2014216640 A 20141023
- JP 2014006238 W 20141215

Abstract (en)

Provided are: an aluminum alloy for die casting, having castability and mechanical properties equivalent to those of ADC12 and corrosion resistance equivalent to that of ADC6; and an aluminum alloy die cast obtained through die-casting the alloy. Specifically, the present invention is directed to an aluminum alloy for die casting that contains: Cu by not more than 0.10 wt%; Si by 12.0 to 15.0 wt%; Mg by not more than 1.00 wt%; Fe by 0.05 to 1.00 wt%; Cr by 0.10 to 0.50 wt%; and a remaining portion thereof being Al and unavoidable impurities.

IPC 8 full level

**C22C 21/02** (2006.01)

CPC (source: EP KR US)

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Designated extension state (EPC)

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