

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 B1 20190206 (EN)**

Application  
**EP 14904322 A 20141215**

Priority  
• JP 2014216640 A 20141023  
• JP 2014006238 W 20141215

Abstract (en)  
[origin: EP3196323A1] 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); **C22C 21/04** (2006.01)

CPC (source: EP KR US)  
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DOCDB simple family (publication)  
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