

Title (en)  
Aluminum alloy casting

Title (de)  
Aluminiumlegierungsgussstück

Title (fr)  
Pièce coulée en alliage d'aluminium

Publication  
**EP 0814171 A1 19971229 (EN)**

Application  
**EP 97109128 A 19900306**

Priority  
• EP 90905277 A 19900306  
• US 32014089 A 19890307

Abstract (en)  
This invention concerns an aluminum alloy casting characterized by an iron content of less than about 0.5% by weight, and a gas content of less than or equal to 5 milliliters (STP) per 100 grams of aluminum, said casting having a yield strength in tension (0.2% offset) greater than or equal to 110 MPa and a free bend deformation greater than or equal to 25 min.

IPC 1-7  
**C22C 21/04**; **C22B 21/06**

IPC 8 full level  
**B22D 17/14** (2006.01); **B22D 17/20** (2006.01); **B22D 17/30** (2006.01); **B22D 17/32** (2006.01); **B22D 41/50** (2006.01); **C22B 21/06** (2006.01); **C22C 21/04** (2006.01)

CPC (source: EP KR)  
**B22D 17/14** (2013.01 - EP); **B22D 17/2007** (2013.01 - EP); **B22D 17/2015** (2013.01 - EP); **B22D 17/30** (2013.01 - EP); **B22D 17/32** (2013.01 - EP); **B22D 18/00** (2013.01 - KR); **B22D 41/50** (2013.01 - EP); **C22B 21/06** (2013.01 - EP); **C22C 21/04** (2013.01 - EP)

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**EP 0814171 A1 19971229**; **EP 0814171 B1 20021204**; AT E174828 T1 19990115; AT E202305 T1 20010715; AT E229090 T1 20021215; BR 9007214 A 19920324; DE 69032853 D1 19990204; DE 69032853 T2 19990722; DE 69033755 D1 20010726; DE 69033755 T2 20020529; DE 69034025 D1 20030116; DE 69034025 T2 20030724; EP 0813922 A1 19971229; EP 0813922 B1 20010620; ES 2125221 T3 19990301; ES 2158405 T3 20010901; ES 2184006 T3 20030401; KR 100187514 B1 19990401; KR 920700809 A 19920810

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