

Title (en)  
Aluminum cast-forged product and method for manufacturing aluminum cast-forged product

Title (de)  
Guss- Schmiedeteile aus Aluminium und Verfahren zu deren Herstellung

Title (fr)  
Produit moulé/forgé en aluminium et procédé pour sa fabrication

Publication  
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Application  
**EP 02256532 A 20020920**

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Abstract (en)  
This invention is directed to a method for manufacturing an aluminum cast-forged product by forging a preform made of forged material obtained by casting a forged material of an aluminum alloy, and an aluminum cast-forged product produced thereby. Said method is a method wherein the forging is performed by heating the preform made of forged material at a temperature of from approximately 450 DEG C to a melting point of the alloy. In this method, a recycled material may be used as a starting material, and some omission of the steps may be possible. There is provided a method for manufacturing an aluminum cast-forged product having excellent mechanical properties, such as, a higher tensile strength, higher proof stress, higher elongation, and the like with a lower production cost. <IMAGE>

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• [A] EP 0955113 A1 19991110 - SERIO EMILE DI [FR]  
• [A] FR 2803232 A1 20010706 - SERIO EMILE DI [FR]  
• [X] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 04 30 April 1999 (1999-04-30)  
• [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21 3 August 2001 (2001-08-03)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 21 3 August 2001 (2001-08-03)  
• [A] PATENT ABSTRACTS OF JAPAN vol. 018, no. 328 (C - 1215) 22 June 1994 (1994-06-22)  
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