

Title (en)

Method of manufacturing a rotor made of aluminum powder alloy having a steel shaft.

Title (de)

Verfahren zur Herstellung eines Rotors aus Aluminium Pulver mit einer Stahlschaft.

Title (fr)

Procédé de préparation d'un rotor en poudre d'aluminium ayant un arbre en acier.

Publication

EP 0638382 A1 19950215 (EN)

Application

EP 94111322 A 19940720

Priority

JP 21229493 A 19930804

Abstract (en)

A steel shaft is disposed in a forging metallic die, and aluminum alloy powder or its preliminarily formed body is charged in the metallic die around the steel shaft. The aluminum alloy powder or its preliminarily formed body is forged so that a rotor of aluminum powder alloy is manufactured, and at the same time, the rotor is connected and fixed to the shaft. <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP KR)

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Citation (search report)

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- [Y] DATABASE WPI Section Ch Week 8908, Derwent World Patents Index; Class M22, AN 89-058609
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