

Title (en)

METAL POWDER FOR POWDER METALLURGY, COMPOUND, GRANULATED POWDER, AND SINTERED BODY

Title (de)

METALLPULVER FÜR PULVERMETALLURGIE, VERBINDUNG, GRANULIERTES PULVER UND GESINTERTER KÖRPER

Title (fr)

POUDRE DE MÉTAL POUR MÉTALLURGIE DES POUDRES, COMPOSÉ, POUDRE GRANULÉE ET CORPS FRITTÉ

Publication

EP 3042975 A3 20160803 (EN)

Application

EP 16150409 A 20160107

Priority

JP 2015002935 A 20150109

Abstract (en)

[origin: EP3042975A2] A metal powder for powder metallurgy according to the invention contains Fe as a principal component, Cr in a proportion of 10 to 30 mass%, C in a proportion of 0.15 to 1.5 mass%, Si in a proportion of 0.3 to 1 mass%, and Mn and Ni in a total proportion of 0.05 to 1.6 mass%, wherein when one element selected from the group consisting of Ti, V, Y, Zr, Nb, Hf, and Ta is defined as a first element, and one element selected from the group and having a larger group number in the periodic table than that of the first element or having the same group number in the periodic table as that of the first element and a larger period number than that of the first element is defined as a second element, the first element is contained in a proportion of 0.01 to 0.5 mass%, and the second element is contained in a proportion of 0.01 to 0.5 mass%.

IPC 8 full level

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Citation (search report)

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- [XAI] EP 1768803 A1 20070404 - HOEGANAES AB [SE]
- [XAI] US 2007023107 A1 20070201 - WESTIN LEIF [SE]
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DOCDB simple family (application)

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