Title (en)
METHOD FOR THE PRODUCTION OF FINE METAL POWDER, ALLOY POWDER AND COMPOSITE POWDER

Title (de)
VERFAHREN ZUR HERSTELLUNG FEINER METALL-, LEGIERUNGS- UND VERBUNDPULVER

Title (fr)
PROCEDE DE PRODUCTION DE POUDRES FINES METALLIQUES, D'ALLIAGE ET COMPOSEES

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Application
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Abstract (en)
[origin: WO2005007327A2] The method invention relates to a method for the production of metal powder, alloy powder and composite powder having an average particle diameter D50 of no more than 25 μm from an initial powder having a larger than average particle diameter. The particles of the initial powder are processed in a deformation step in order to form platelet-shaped particles. The ratio of the particle diameter to the particle thickness thereof is between 10: 1 and 1000: 1. The platelet-shaped particles are communited in the presence of a grinding aid, and the metal powder, alloy powder and composite powder is obtained.

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