

Title (en)

METAL POWDER GRANULATES, METHOD FOR THEIR PRODUCTION AND USE OF THE SAME

Title (de)

METALLPULVER-GRANULAT, VERFAHREN ZU SEINER HERSTELLUNG SOWIE DESSEN VERWENDUNG

Title (fr)

GRANULES DE POUDRE METALLIQUE, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION

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Application

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Abstract (en)

[origin: US6126712A] PCT No. PCT/EP96/04983 Sec. 371 Date May 27, 1998 Sec. 102(e) Date May 27, 1998 PCT Filed Nov. 14, 1996 PCT Pub. No. WO97/19777 PCT Pub. Date Jun. 5, 1997The invention concerns metal powder granulates comprising one or a plurality of the metals Co, Cu, Ni, W and Mo. The invention further concerns a method for the production of these granulates and the use thereof. The production method is characterized in that a metal compound comprising one or a plurality of the groups comprising oxides, hydroxides, carbonates, hydrogenocarbonates, oxalates, acetates, formiates with binder and optionally in addition between 40 and 80% solvent, relative to the solids content, is granulated as the starting component, and the granulates are thermally reduced in a hydrogen-containing gaseous atmosphere to form the metal powder granulates, the binder and the solvent, if used, being removed completely.

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